

TENDER DOCUMENT

FOR

**BID NO: SCMU3-25/26-0142-HO SCHEDULE MAINTENANCE OF
AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –
OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36
MONTHS)**

THREE VOLUME APPROACH:

VOLUME 1 – TENDERING PROCEDURES

VOLUME 2 – RETURNABLE DOCUMENTS

VOLUME 3 – DRAFT CONTRACT

PREPARED FOR:

Eastern Cape Department of Health
Dukumbana Building, Independence Avenue
P.O. Box X0038
BHISHO
6505

PREPARED BY:

Zutari (Pty) Ltd
No 1 Pearce Street
P.O. Box 19553
Tecoma
5214

NAME OF SUPPLIER: _____

CRS NUMBER: _____

JULY 2025

Volume 3		Draft Contract
		Part C1: Agreement and Contract Data
	C1.1	Form of Offer and Acceptance
	C1.2	Contract Data
	C1.3	Fixed Performance Guarantee
		Part C2: Pricing Data
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VOLUME 1: TENDERING PROCEDURES

T1.1: TENDER NOTICE AND INVITATION TO SUPPLIER

**T1.1: TENDER NOTICE AND INVITATION TO SUPPLIER
THE EASTERN CAPE DEPARTMENT OF HEALTH INVITES SUPPLIERS
FOR:**

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Any reference to words “Bid” or Bidder” herein and/or in any other documentation shall be construed to have the same meaning as the words “Supplier” or “Tender”.

The attention of Suppliers is drawn to the eligibility criteria in the table below. Suppliers are required to familiarize themselves thoroughly with the conditions of Supplier as contained in the Supplier Data (T1.2) and the Standard Conditions of Supplier (T1.3) which form part of the Supplier document. Only Suppliers that are responsive to responsiveness criteria contained in the table below are eligible to have their Suppliers evaluated:

☒	<u>Joint ventures are eligible to submit tenders provided that:</u> They have a signed joint venture agreement
☒	Only Suppliers who have access to a suitably qualified and experienced contract manager who will be the single-point of accountability and responsibility for the management of the contract works as described in clause C.2.1.2 shall be eligible to have their Tenders evaluated. <i>Experience must be on Autoclave and Sterilizer Maintenance or installation.</i>
☒	Only Suppliers who have access to a suitably qualified and experienced contract supervisor as described in clause C.2.1.3 shall be eligible to have their Tenders evaluated. <i>Experience must be on Autoclave and Sterilizer Maintenance or installation.</i>
☒	Suppliers that are responsive to the criteria stated above shall be evaluated further in accordance with the conditions of Supplier as stipulated in the Tender Data (T1.2) and the Standard Conditions of Tender (as amended), which form part of this Tender document.
☒	Tenderers must submit a valid copy of the <i>SAHPRA (South African Health Products Regulatory Authority) Licence for Manufacturing and Handling Medical Devices.</i>

Preferences are offered to Suppliers in accordance with the points systems as below:

☒ 90/10 Preference point scoring system

Preference:		Price:	
SPECIFIC GOALS Status Level:	10 Points	Price:	90 Points
Total must equal:	10 Points	Total must equal:	90 Points

a. AVAILABILITY OF SUPPLIER DOCUMENTS:

☒ Tender documents may be freely downloaded from Tender portal www.echealth.gov.za/tenders OR www.etenders.gov.za

☒ A compulsory clarification meeting with the representatives of the Employer will take place as follows:

Date: 13 August 2025
Venue: Johan Tremble Hall
Frere Hospital
East London
Time: 12:00

b. ENQUIRIES RELATED TO TENDER DOCUMENTS MAY BE ADDRESSED TO:

Procurement Contact:	Ms Thabisa Notshe	E-mail	thabisa.notshe@echealth.gov.za
Tel. No.	040 608 9641		

Prospective bidders are required to seek additional information through inquiries no later than 7 days before the closing date.

c. DEPOSIT / RETURN OF TENDER DOCUMENTS:

The closing time and date for submission of Tender is 11:00am on the **28 August 2025** where Tenders will be opened to the public. The following must be noted by all Suppliers;

- (a) Telegraphic, telephonic, telex, facsimile (faxed), email and late Tenders will not be accepted.
- (b) The requirements for sealing, addressing, delivery, opening and assessment of Tenders are stated in the Tender Data (T1.2)
- (c) All Suppliers must be submitted on the official, hardcopy documents issued with the bid including any addenda issued to prospective Suppliers by the Department.
- (d) Tender documents must be deposited in the Tender box at the address indicated below:

DEPOSITED IN THE TENDER BOX AT:

Department of Health
Global Life Centre,
SCM Unit
c/o Phalo Avenue and R63 (opposite Engen Garage)
BHISHO

COMPILED BY:

Section	Department	Date
Engineering and Technical Services	Zutari (Pty) Ltd	July 2025

T1.2: TENDER DATA

T1.2: TENDER DATA

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Clause number	
	The conditions of Supplier are the Standard Conditions of Supplier as contained in Annex C of Board Notice 136 of 2015 in Government Gazette No. 38960 of 10 July 2015, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of Suppliers as an Annex to this Tender Data. The Standard Conditions of Supplier make several references to the tender Data for details that apply specifically to this Tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Supplier. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Supplier to which it mainly applies. The following variations, amendments and additions to the Standard Conditions of Supplier as set out in the Tender Data below shall apply to this Supplier:
C.1.1	<i>Add the following:</i> The employer is the Eastern Cape Department of Health Global Life Center c/o R63 and Phalo Avenue Bhisho
C.1.2	<i>Add the following:</i> Tender documents issued by the Employer comprise of: <u>Volume 1: Tendering Procedures</u> T1.1 Tender Notice and Invitation to Supplier T1.2 Tender Data T1.3 Annex C: CIDB Standard Conditions of Tender <u>Volume 2: Returnable Documents</u> SBD1 Invitation Bid: Part A and B SBD4 Declaration of Interest SBD6.1 Preference Points Claim Form in Terms of the Preference Regulations 2022 T2.2r Compulsory Enterprise Questionnaire T2.1 List of Returnable Schedules/Documents C1.1a Final Summary Page C2.2: Preliminaries and General & Bills of Quantities T2.2a Resolution of Signatory T2.2b Resolution of Board of Directors to Enter into Consortium or Joint Venture (JV) Agreements T2.2c-1 Schedule of Proposed Particulars of Subcontractors T2.2c-2 Schedule of Proposed Particulars of Mechanical and Electrical Subcontractors T2.2e Schedule of Key Personnel T2.2f Bank Rating T2.2g Specific goals claimed (CIPRO certificate) T2.2n Record of Addenda to Supplier Documents T2.2p SAHPRA License for Manufacturing and Handling Medical Devices T2.2y Proof of Registration with Centralized Supplier Database T2.2u CIDB grading certificate – Proof of registration T2.2v CIPC – company registration certificate T2.2x References T2.2z Valid Letter of Good Standing

	T2.3 Returnable schedules or documents: Annexures related to evaluation. Annexure A1: Method Statement (Generic) Annexure A2: Method Statement (Summary Task) Annexure A3: Method Statement (Programme with Timelines and Resources) Annexure B1: Key personnel qualifications (Maintenance Manager) Annexure B2: Key personnel qualifications (Maintenance Supervisor) Annexure B3: Key personnel qualifications (OHS Safety officer) Annexure B4: Key personnel qualifications (Skilled installation/maintenance staff) Annexure B5: Proof of business address Annexure B6: Company Experience <u>Volume 3: The Draft Contract</u> Part C1: Agreement and Contract data C1.1: Form of offer and Acceptance C1.2: Contract Data C1.3: Fixed Performance Guarantee Part C2: Pricing Data C2.1: Pricing Instructions C2.2: Bills of Quantities Part C3: Scope of Works C3.1: Scope of Works C3.1a: Standard Specification C3.6: Health and Safety Specification Part C4: Site Information C4.1: Site Information as per Scope of Works C4.2: Supplementary Technical Specification
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C.1.4	<i>Add the following:</i> The employer's agent: Zutari (Pty) Ltd
C1.6.1	<i>Add the following to the clause:</i> The Department reserves the right to not accept the tender from the tenderer with the highest number of points, or award any contract.
C1.6.3	<i>Add the following:</i> A two-stage system will not be followed.
C.2.1	<i>Add the following:</i> 1. Only those Tenderers who satisfy the following eligibility criteria are eligible to submit tenders: a) 1 Tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in ac Contractor grading designation equal to or higher thana Contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for Class ME, Grade 6 ME PE or 7 ME or higher construction work, are eligible to have their tenders evaluated. b) Joint ventures are eligible to submit tenders provided that: • Every member of the joint venture is registered with the CIDB; • The lead partner has a Contractor grading designation in Class ME, Grade 6 ME PE or Grade 7 ME construction work; • The combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal or higher than the a Contractor grading designation determined in accordance with the sum tendered for Class ME, Grade 6 ME PE or Grade 7 ME or higher construction work or a value determined in accordance with Regulations 25 (1B) or 25 (7A) of the Construction Industry Development Regulations; and • The joint venture is registered on Central Supplier Database or proof of application • All members of the joint venture must submit copies of the returnable documentationsor original where it is so stipulated for all members. • In the case of a Partnership/Joint Venture/Consortium the tax clearance must be the Partnership/Joint Venture/Consortium or individual valid tax clearance certificates forall the members of the Partnership/Joint Venture/Consortium. • In the case of a Partnership/Joint Venture/Consortium the CIPRO certificates must besubmitted indicating percentage of ownership for specific goals points scoring, failing which the tenderer will score zero points. • The partner of the JV must be registered with CIDB with a grading that is not lowerthan one level of the required grading.

C2.2	Add the following to the clause: Accept that the Employer will not compensate the Tenderer for any costs incurred in attending briefing session, negotiation meetings or any meeting or interviews in the office of the Employer or Employer's agent (if required). Revised
C.2.7	For particulars regarding a pre-Tender site inspection meeting, see Tender Notice and Invitation to Supplier T1.1 “ A compulsory briefing session will be held and no compensation will be paid for attendance at this meeting. Tenderers must be represented by a person who is suitably qualified and experience to comprehend the extent of the work involved and who is at the employ of the prospective tenderer. The tenderer's representative must sign the attendance register in the name of the tendering entity. Addenda will be issue to and tenders will be received only from those tendering entities appearing in the attendance register of the briefing session.”
C.2.12	No alternative tenders are allowed.

C.2.13.2	<i>Replace sub-clause C.2.13.2 with the following:</i> Return all returnable documents to the employer after completing them in their entirety by writing in non-erasable ink
C.2.13.3	<i>Add the following:</i> Parts of each Supplier offer communicated on paper shall be submitted as an original, plus 0 (nought) copies.
C.2.13.4	<i>Add the following:</i> The Supplier shall be signed by a person duly authorized to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation of the joint venture, in the form of a joint venture agreement, in which it is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorized to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. Failure to provide the joint venture agreement, bound with the Supplier submission, on the date and time of the closing of the bid, shall render the Supplier non-responsive.
C.2.13.5	<i>Add the following:</i> The employer's address for delivery of Supplier offers and identification details to be shown on each Supplier offer package are: Location of Supplier box: Department of Health Physical address: Eastern Cape Department of Health Global Life Center, SCM Unit c/o Phalo Avenue and R63 Bhisho Identification details: Tender No. SCMU3-25/26-0142-HO Title of Supplier: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS) Sealed Tender with the identification details on the envelope must be placed in the appropriate official Tender box at the abovementioned address
C.2.13.6	<i>Add the following:</i> A two-envelope procedure will not be followed.
C.2.13.9	Telephonic, telegraphic, telefax, facsimile or e-mailed tender offers will not be accepted.
C.2.13.10	<i>Add the following:</i> By signing the offer part of C1.1 Form of Offer and Acceptance the Supplier declares that all information provided in the Supplier submission is correct and free of misrepresentation.
C.2.15.1	<i>Add the following to C.2.15.1:</i> The closing time for submission of Supplier offers is as stated in the Tender Notice and Invitation to Supplier. Telephonic, telegraphic, telex, facsimile or e-mailed Supplier offers will not be accepted.
C.2.16.1	<i>Add the following to C.2.16.1:</i> The Supplier offer validity period is 12 weeks .
C.2.17	<i>Insert the following at the end of the last sentence of the note:</i> “.....elect to do so, provided that the competitive position of the preferred Supplier is not affected”

	A Supplier may be rejected as non-responsive if the Supplier fails to provide any clarification requested by the employer within the time for submission stated in the employer's written request for such clarification. The clarification of a Supplier offer includes the provision of the priced bills of quantities (Part C2.2: Bills of Quantities).
C.2.18	<i>Add the following:</i> The tenderer will be required to submit his fully priced Bills of Quantities (complete document inclusive of all parts) together with this tender.
C.3.4	<i>Add the following:</i> The opening of the tender offers will take place immediately after the closing time of tenders.

C.3.8	<i>Add the following:</i> Suppliers will be considered non-responsive if, inter alia: c) the Supplier has failed to attend the compulsory briefing meeting. d) the Supplier is submitted by Telegraphic, telephonic, telex, facsimile (faxed) or email media or if the Supplier is submitted late. e) the Supplier does not comply with the eligibility criteria listed in F2.1 above; f) The resolution for signatory is not attached to the Supplier submission on a company letterhead. g) the Supplier has failed to fully complete and sign SBD1, SBD4 & the Compulsory Enterprise Questionnaire. Failure to submit the required information shall be subjected to a request from SCM to the bidder to submit the required information within 7 days of the request. Failure to comply with such request will result in the bid being deemed non-responsive
C.3.11.1	<i>Add the following:</i> This is a two-stage evaluation process: Stage 1: Administrative compliance and mandatory requirements Stage 2: Evaluation for price and preference The following procedure will be used to evaluate tender offers received: a) Open and record tender offers received b) Determine whether or not tender offers are complete. c) Determine whether or not tender offers received are responsive, and reject non-responsive tenders. d) Score tender evaluation points for each price e) Confirm that tenderers are eligible for the preferences claimed and, if so, score tender evaluation points for preferencing. f) Calculate total tender evaluation points g) Rank tender offers from the highest number of tender evaluation points to the lowest. h) Perform a risk analysis on the tenderer having the highest ranking/number of points to ascertain if the submission presents an acceptable risk to the employer. i) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so. j) In the event where the recommended Bidder has failed to comply with the conditions as set out in the letter of award, the client shall notify the recommended Bidder of his/her failure to comply and recommend for award the next bidder that scored the highest points. The Conditions as set out in the letter of award are as follow: 1. Proof of having All risk, public liability and support insurances as stipulated in the contract. 2. Submission of a Construction Safety, Health and Environmental Plan. 3. Contract Guarantee (as selected in the tender document) k) An appointment letter/acceptance letter does not constitute a contract or commencement date of a contract. The recommended Bidder is required to sign an official contract with the Department. The Employer shall in the evaluation of tender offers take due account of the Tenderer's past performance in the execution of similar engineering works of comparable magnitude, and the degree to which possesses the necessary technical, financial and other resources to enable him to complete the Works successfully with the contract period. The tenderer shall be required to satisfy the Employer and the Engineer as to his ability to perform and complete the Works timeously, safely and with satisfactory quality, and furnish details in section T2.2z of contracts of a similar nature and magnitude which they have successfully executed in the past.

The Employer is restricted in accordance with clause 7.(c)(iii) of the Construction Regulations, 2014, to only appoint a contractor to whom he is satisfied has the necessary competencies and resource to carry out the work safely.

Submitting inferior and inadequate information relating to health and safety shall be regarded as justifiable and compelling reasons not to accept the tender offer of the tenderer scoring the highest number of tender evaluation points.

C.3.11.3	The procedure for the evaluation of responsive tenders is Method 3: Administrative compliance, Price and Specific Goals <u>Equipment Functionality – Technical Compliance Verification</u> The bidder is required to provide details pertaining to autoclave and sterilization equipment maintenance experience as detailed in the specifications. The compliance of the equipment with the scope of work and specification will be evaluated.
C.3.11.7	<i>Add the following:</i> The financial offer will be scored using Formula 2 (Option 1): $N_{FO} = (1 - (P - P_M) / P_m) \times W_1$ Where. N_{FO} = number of Supplier evaluation points awarded for financial offer W_1 = the maximum possible number of Supplier evaluation points Tender P_M = the comparative offer of the most favorable Supplier offer P = the comparative offer of the Supplier offer under consideration
C.3.11.8	Up to 100 minus W_1 (refer C.3.11.7 above) Supplier evaluation points will be awarded to Suppliers according to their SPECIFIC GOALS status level, determined in accordance with section 9(1) of the Broad-Based Black Economic Empowerment Act (No 53 of 2003), and who have submitted original valid or valid, certified copies of SPECIFIC GOALS status verification certificates issued by either a verification agency accredited by the South African Accreditation System (SANAS) or a sworn affidavit in terms of the amended SPECIFIC GOALS codes. The points will be awarded as follows, based on the SPECIFIC GOALS status level of the Supplier:

	The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
	Historically Disadvantaged Individuals Ownership	20% (4)	
	Women Ownership	20% (4)	
	Youth Ownership	20% (4)	
	Disability Ownership	20% (4)	
	Military Veterans Ownership	10% (2)	
	Locality Ownership (Eastern Cape)	10% (2)	
	TOTAL	100% (20)	
A trust, consortium or joint venture will qualify for points for their SPECIFIC GOALS status level as a legal entity, provided that the entity submits their SPECIFIC GOALS status level certificate. A trust, consortium or joint venture will qualify for points for their SPECIFIC GOALS status level as an unincorporated entity, provided that the entity submits their consolidated SPECIFIC GOALS scorecard as if they were a group			

Bank Rating

Bank Rating Certificate Annexure F as per returnable list		Bank rating of A: Undoubted for the amount of enquiry – Good to do business with	Annexure F as per returnable list Bank rating certificate issued by the bank.
		Bank rating of B: Good for the amount of the enquiry – Amount is well within the capacity of ordinary business commitments	Annexure F as per returnable list Bank rating certificate issued by the bank.
		Bank rating of C: Good for amount quoted if strictly in the way of business – Unlikely to commit themselves beyond their means	Annexure F as per returnable list Bank rating certificate issued by the bank.

C.3.11.10	<i>Add the following new sub-clause:</i> The Employer will perform a risk analysis in respect of the following: a) reasonableness of the financial offer b) reasonableness of unit rates and prices c) the Suppliers ability to fulfil its obligations in terms of the tender document, that is, that the Supplier can demonstrate that he/she possesses the necessary professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience, reputation, personnel to perform the contract, etc.
C.3.13.1	Supplier offers will only be accepted if: a) the Supplier is registered and in good standing with the South African Revenue Service (SARS) or proof that he or she has made arrangement with SARS to meet his or her outstanding tax obligations. This will be verified by the Employer on the Centralized Supplier Database. Where the recommended bidder is not tax compliant, the bidder will be notified of thenon-compliant status and be granted seven (7) working days to rectify theircompliance status with the SARS. The bidder must thereafter provide theDepartment with proof of its tax compliance which must be verified via theCSD or eFiling. b) the Supplier or any of its directors is not listed on the Register of SupplierDefaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; c) the Supplier or any of its directors is not listed on the Database of Restricted Suppliers kept by the National Treasury and updated from time to time; d) the Supplier has not abused the Employer's Supply Chain Management System; e) the Supplier has completed the Compulsory Enterprise Questionnaireand there are no conflicts of interest which may impact on the Supplier'sability to perform the contract in the best interests of the employer or potentially compromise the Supplier process.
C.3.17	<i>Add the following:</i> The number of paper copies of the signed contract to be provided by the Employer is one.

C.4	ADDITIONAL CONDITIONS OF TENDER The additional conditions of Tender are:
C.4.1	Invalid Tender Suppliers shall be considered invalid and shall be endorsed and recorded as such in the Supplier opening record, by the responsible official who opened the Tender, in the following circumstances: 1) if the Supplier offer is not submitted on the Form of Offer and Acceptance bound into this Tender document (form C1.1, Part C1: Agreements and Contract Data); 2) if the Form of Offer and Acceptance has not been completed or has not been signed by the authorized representative of the Supplier 3) if the Form of Offer and Acceptance is signed, but the name of the Supplier is not stated or is indecipherable 4) if the Supplier offer is not completed in non-erasable ink;
C.4.2	Negotiations with preferred Suppliers The Employer may negotiate the final terms of a contract with Suppliers identified through a competitive Supplying process as preferred Suppliers provided that such negotiation: a) does not allow any preferred Supplier a second or unfair opportunity; b) is not to the detriment of any other Supplier; and c) does not lead to a higher price than the Supplier as submitted Minutes of any such negotiations shall be kept for record purposes
C.4.3	General supply chain management conditions applicable to Supplier In terms of its Supply Chain Management Policy the Employer may not consider a Supplier unless the provider who submitted the Supplier: a) has furnished the Employer with that provider's: • full name; • identification number or company or other registration number; and • tax reference number and VAT registration number, if any; b) has indicated whether: • the provider is in the service of the state, or has been in the service of the state in the previous twelve months; • the provider is not a natural person, whether any of the directors, managers, principal shareholders or stakeholders is in the service of the state, or has been in the service of the state in the previous twelve months; or • whether a spouse, child or parent of the provider or of a director, manager, shareholder or stakeholder referred to above is in the service of the state, or has been in the service of the state in the previous twelve months. Irrespective of the procurement process followed, the Employer is prohibited from making an award to: • a person who is in the service of the state; • a juristic entity of which any director, manager, principal shareholder or stakeholder is in the service of the state; • an advisor or consultant contracted with the Employer; or • a person, advisor or corporate entity involved with the tender specification committee, or a director of such corporate entity. In this regard, Suppliers shall complete Returnable Schedules: Compulsory Enterprise Questionnaire. Failure to complete this schedule will result in the Supplier not being considered further.

C.4.4	Combating abuse of the Supply Chain Management Policy In terms of the its Supply Chain Management Policy, the Employer may reject the Supplier of any Supplier if that Supplier or any of its directors has: 1. failed, during the last five years, to perform satisfactorily on a previous contract withthe Employer or any other organ of state after written notice was given to that Supplier that performance was unsatisfactory; 2. abused the supply chain management system of the Employer or has committed any improper conduct in relation to this system; 3. been convicted of fraud or corruption during the past five years; 4. will fully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or 5. been listed with the Register of Supplier Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or has been listed on National Treasury’s database as a person or juristic entity prohibited fromdoing business with the public sector. In this regard, Suppliers shall complete Part T2.2: Returnable Schedules: Certificate of Independent Supplier Determination and Declaration of Supplier’s Past Supply Chain Management Practices. Failure to complete these schedules will result in the Supplier not being considered further.
C.4.6	Claims arising after submission of Supplier No claim for any extras arising out of any doubt or obscurity as to the true intent and meaning of anything contained in the Conditions of Contract, Scope of Work and Pricing Data, will be admitted by the Employer after the submission of any Tender and the Supplier shall be deemed to have: 1. read and fully understood the whole text of the Contract Data, Scope of Work and Pricing Data and thoroughly acquainted himself with the nature of the works proposed and generally of all matters which may influence the Contract. 2. visited the site of any proposed works. 3. requested the Employer or his duly authorized agent to make clear the actual requirements of anything contained in the Scope of Work and Pricing Data, the exact meaning or interpretation of which is not clearly intelligible to the Supplier. 4. received any Addenda to the Supplier documents which have been issued in accordance with the Employer’s Supply Chain Management Policy. Before submission of any Supplier, the Supplier should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing indistinct, or if the Pricing Data contain any obvious errors, the Supplier must apply to the Employer’s Agent at once to have the same rectified, as no liability will be admitted by the Employer in respect of errors in any Supplier due to the foregoing.
C.4.7	Imbalance in Supplier rates In the event of Supplier rates or lump sums being declared by the Employer to be unacceptable to it because they are either excessively low or high or not in proper balance with other rates or lump sums, the Supplier may be required to produce evidence and advance arguments in support of the Supplier rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the supplied rates or lump sums objected to, it may request the Supplier to amend these rates and lump sums along the lines indicated by it.

	The Supplier will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the Employer, but this shall be done without altering the Supplier offer as Supplied or, if applicable, the corrected total of prices in accordance with C.3.9.3. Should the Supplier fail to amend his tender in a manner acceptable to the Employer, the Employer may reject the Tender.
C.4.8	The Employer shall not formally issue Tender documents in electronic format as contemplated in C.2.13.2 and C.2.13.3 and shall only issue Supplier documents in hardcopy. An electronic version of the issued Tender documents may be made available to the Supplier, upon written request in terms of this clause, subject to the following: (a) Electronic copies of the contract document, or parts thereof, will only be provided to Suppliers who have been issued with the Tender documents as contemplated in C.1.2 in hardcopy. (b) The electronic version shall not be regarded as a substitute for the issued Tender documents. (c) The Employer shall not accept tender submitted in electronic format. Suppliers may not complete and submit a printed copy of the electronic version of the Tender document or part thereof. Only those Suppliers that have been completed on the issued hard copy Tender document shall be considered. (d) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. The Employer further does not guarantee that the electronic version corresponds with the issued Tender documents in all respects. Suppliers are alerted to the fact that electronic versions of the Tender documents may not reflect any notices or addenda that amend the Tender document. (e) Any non-compliance with these provisions, including effecting any unauthorized alterations to the Supplier document as contemplated in C.2.11, shall render the Tender invalid. The Employer reserves the right to take any action against such Supplier allowed in law including, in circumstances where the Supplier had already been awarded, the right to cancel the contract. (f) In requesting the electronic version of the Tender document or parts thereof, the Supplier is deemed to have read, understood and accepted all of the above conditions.

VOLUME 2: RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

T2.1: LIST OF RETURNABLE SCHEDULES/DOCUMENTS

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

T2.2: RETURNABLE SCHEDULES REQUIRED FOR SUPPLIER EVALUATION PURPOSES

	Returnable Documents	Number of pages issued	Returnable Document
T2.1	List of Returnable Schedules/Documents	2	☒ Yes ☐ No
T2.2a	Resolution for Signatory	1	☒ Yes ☐ No
T2.2b	Resolution of Board of Directors to Enter into Consortium or Joint Venture (JV) Agreements	2	☒ Yes ☐ No
T2.2c-1	Schedule of Proposed Subcontractors	1	☒ Yes ☐ No
T2.2c-2	Schedule of Proposed Mechanical/ Electrical Subcontractors	1	☒ Yes ☐ No
T2.2e	Schedule of Key Personnel	1	☒ Yes ☐ No
T2.2f	Bank Rating	1	☒ Yes ☐ No
T2.2n	Record of Addenda to Supplier Documents	1	☒ Yes ☐ No
T2.2p	SAHPRA License for Manufacturing and Handling Medical Devices	1	☒ Yes ☐ No
T2.2r	Compulsory Enterprise Questionnaire	3	☒ Yes ☐ No
T2.2u	CIDB Grading Certificate	1	☒ Yes ☐ No
T2.2v	CIPC – company registration certificate	1	☒ Yes ☐ No
T2.2z	Valid Letter of Good Standing (COIDA) (Compensation for Occupational Injuries and Diseases Act)	1	☒ Yes ☐ No
SBD 1	Invitation to Bid: Part A and B	2	☒ Yes ☐ No
SBD 4	Declaration of Interest	2	☒ Yes ☐ No
SBD 6.1	Preference Points Claim Form In Terms Of The Preferential Procurement Regulations 2022	4	☒ Yes ☐ No
C1.1a	Final Summary Page	1	☒ Yes ☐ No
C2.2	Fixed Charge and Value related Items Applicable to All Work & Bill of Quantities	23	☒ Yes ☐ No

T2.2: OTHER DOCUMENTS REQUIRED FOR SUPPLIER EVALUATION PURPOSES

No.	Returnable Documents	Number of pages issued	Returnable Document
T2.2g	Specific Goals claimed (CIPRO Certificate)	1	☒ Yes ☐ No
T2.2y	Proof of Registration with Centralized Supplier Database	1	☒ Yes ☐ No
T2.3	Returnable schedules or documents: annexures related to evaluation		☒ Yes ☐ No
Annexure A1	Method Statement (Generic)	1	☒ Yes ☐ No
Annexure A2	Method Statement (Summary Tasks)	1	☒ Yes ☐ No
Annexure A3	Method Statement (Programme with Timelines and planned Resources)	1	☒ Yes ☐ No
Annexure B1	Key Personnel qualification (Maintenance manager)	1	☒ Yes ☐ No
Annexure B2	Key Personnel qualification (Maintenance supervisor)	1	☒ Yes ☐ No
Annexure B3	Key Personnel qualification (OHS Safety officer)	1	☒ Yes ☐ No
Annexure B4	Key Personnel qualification (Skilled installation/maintenance staff)	1	☒ Yes ☐ No
Annexure B5	Proof of Business address	1	☒ Yes ☐ No
Annexure B6	Company Experience	1	☒ Yes ☐ No
T2.2x	References	4	☒ Yes ☐ No

(The following list of returnable schedules/documents is duplicated from the tables above however these will not appear in duplicate within the Tender document. The purpose is to bring to the Suppliers' attention the list of returnable documents/schedules that shall be incorporated into the contract)

T2.2: OTHER DOCUMENTS REQUIRED TENDER EVALUATION PURPOSES

No.	Returnable Documents	Number of pages issued	Returnable Document
T2.2n	Record of Addenda to Supplier Documents	1	☒ Yes ☐ No
T2.2e	Schedule of Key Personnel	1	☒ Yes ☐ No
SBD 6.1	Preference Points Claim Form In Terms Of The Preferential Procurement Regulations 2022	4	☒ Yes ☐ No

T2.2: OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

No.	Returnable Documents	Number of pages issued	Returnable Document
C1.1	Form of Offer and Acceptance	2	☒ Yes ☐ No
C1.2	Contract Data	7	☒ Yes ☐ No
C1.3	Fixed Performance Guarantee	3	☒ Yes ☐ No
C2.2	Fixed Charge and Value related Items Applicable to All Work & Bill of Quantities & Final Summary	23	☒ Yes ☐ No

T2.2: RETURNABLE SCHEDULES REQUIRED FOR SUPPLIER EVALUATION PURPOSES

T2.2a: RESOLUTION FOR SIGNATORY

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

MUST BE ON COMPANY LETTERHEAD

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form. This must be on a company letterhead.

An example is given below:

“

Company Letterhead

By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears below, has been duly authorized to sign all documents in connection with the Supplier for Contract No. _____ and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES: _____ SIGNATURE: _____ SIGNATURE: _____”

T2.2b: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVE AND STERILIZATION EQUIPMENT AT CLUSTER 1 – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

On _____ (date)

RESOLVED that:

i) The Enterprise submit a Bid /Supplier, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Eastern Cape Department of Health in respect of the following project:

(Project description as per Bid /Supplier Document)

Bid Number: _____ (Bid Number as per Document)

ii) *Mr./Mrs./Ms:

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorized to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

iii) The Enterprise accepts joint and several liability with the parties listed under item 1 for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.

iv) The Enterprise chooses as its domicilium citandi et executandi for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

 _____ Postal Code _____

Postal Address: _____

 _____ Postal Code _____

Telephone number: _____

Fax number: _____

	NAME	CAPACITY	SIGNATURE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

Note: * Delete which is not applicable - NB. This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise - Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page	ENTERPRISE STAMP
--	-------------------------

T2.2c-1: SCHEDULE OF PROPOSED SUBCONTRACTORS

T2.2c-1 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

	We notify you that it is our intention to employ the following subcontractors for work in this contract. If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.			
	Name and address of proposed Subcontractor	Nature and extent of work	Value of Work	Subcontractor CIDB grading
1.				
2.				
3.				

Signed Date

Name Position

Supplier

T2.2c-2: SCHEDULE OF PROPOSED ELECTRICAL/ MECHANICAL SUBCONTRACTORS

**T2.2c-2 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT
WILL RESULT IN DISQUALIFICATION OF THE TENDERER**

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

	We notify you that it is our intention to employ the following subcontractors for work in this contract. If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.			
	Name and address of proposed Subcontractor	Nature and extent of work	Value of Work	Subcontractor CIDB grading
1.				
2.				
3.				

Signed Date

Name Position

Supplier

T2.2e: SCHEDULE OF KEY PERSONNEL

T2.2e IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

The Supplier is referred to clause C.2.1.3 of the Tender Data and shall insert in the spaces provided below details of the key personnel required to be in the employment of the Supplier or a specialist consultant/firm, in order for the Supplier to be eligible to submit a Tender for this project. The Curriculum Vitae of the individual must be appended to this schedule.

Notwithstanding having appended the Curriculum Vitae of the key personnel to this schedule, the Supplier must **also** append to this schedule in terms of clause C.2.1.3, a statement for the individual identified, which indicates any field(s) of specialization and any recent experience that is relevant to this particular project (which may or may not have formed part of the individual's CV). Suppliers should indicate what particular aspect of the project the specialization or experience is relevant to.

Name	Qualifications	No. of Years Specified Experience

Signed _____ Date _____

Name _____ Position _____

Supplier _____

T2.2f: BANK RATING

T2.2f IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Suppliers must submit a bank rating from a recognized financial institution as required in clause. C.2.1.4 of the Tender Data. The bank rating must be attached to this schedule. Failure to comply with the requirements of C.2.1.4 shall result in the Tender not being evaluated further.

Minimum of Grade C bank required.

Signed _____ Date _____

Name _____ Position _____

Supplier _____

T2.2n: RECORD OF ADDENDA TO SUPPLIER DOCUMENTS

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

We confirm that the following communications received from the Employer before the submission of this Supplier offer, amending the Tender documents, have been taken into account in this Supplier offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed..... Date

Name..... Position

Supplier

*This document must form part of the returnable schedules as it is referenced in the offer portion of the Form of Offer and Acceptance.

**T2.2p: SAHPRA LICENCE FOR MANUFACTURING AND HANDLING
MEDICAL DEVICES**

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

**T2.2p IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS
DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER**

Submission of a valid copy of the SAHPRA (South African Health Products Regulatory Authority) License for Manufacturing and Handling Medical Devices.

T2.2r: COMPULSORY ENTERPRISE QUESTIONNAIRE

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number:

Section 3: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 4: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 5: Record of service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|---|--|
| <ul style="list-style-type: none"> 1 a member of any municipal council 2 a member of any provincial legislature Y a member of the National Assembly or the National Council of Province 3 a member of the board of directors of any municipal entity 4 an official of any municipality or municipal entity | <ul style="list-style-type: none"> Y an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) Y a member of an accounting authority of any national or provincial public entity Y an employee of Parliament or a provincial legislature |
|---|--|

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 6: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- | | |
|--|---|
| <p>2 a member of any municipal council</p> <p>3 a member of any provincial legislature</p> <p>4 a member of the National Assembly or the National Council of Province</p> <p>5 a member of the board of directors of any municipal entity</p> <p>6 an official of any municipality or municipal entity</p> | <p>3 an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)</p> <p>4 a member of an accounting authority of any national or provincial public entity</p> <p>5 an employee of Parliament or a provincial legislature</p> |
|--|---|

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise:

1. authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
 2. confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Supplier Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
 3. confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
 4. confirms that I / we are not associated, linked or involved with any other Tendering entities submitting Supplier offers and have no other relationship with any of the Suppliers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed..... Date

Name..... Position

Enterprise
name

* The schedule should be used where Suppliers are subject to the Local Government: Municipal Finance Management Act

T2.2u: CIDB grading Certificate- Proof of Registration

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU-2526-0191-HO

Tenderers must submit valid proof of registration with the Construction Industry Development Board (CIDB) reflecting the required grading designation relevant to this project as per C.2.1 of T1.2: Tender Data

T2.2v: CIPC – Company registration certificate

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Tenderer to submit necessary company registration certificate.

T2.2z: Valid Letter of Good Standing (COIDA)

T2.2z IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Tenderer to submit valid and up to date Letter of Good Standing certificate with COIDA (Compensation for Occupational Injuries and Diseases Act).

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	SCMU-2526-0191-HO	CLOSING DATE:	28 August 2025	CLOSING TIME:	11:00
DESCRIPTION	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Tender Box Department of Health Global Life Centre SCM Unit c/o Phalo Avenue and R63 (opposite Engen Garage) Bhisho					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Thabisa Notshe		CONTACT PERSON	Lamkelo Mdingi	
TELEPHONE NUMBER	040-608-9641		TELEPHONE NUMBER	040-608-1873	
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER	N/A	
E-MAIL ADDRESS	Thabisa.notshe@echealth.gov.za		E-MAIL ADDRESS	Lamkelo.Mdingi@echealth.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				☐ YES ☐ NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				☐ YES ☐ NO	
IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION: 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT. 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS. 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA. 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID. 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER. 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED. 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

SBD 4: DECLARATION OF INTEREST

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise?

Employed by the state?

YES/NO

- If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of institution	State

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? YES/NO

2.2.1 If so, furnish particulars:

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? YES/NO

- If so, furnish particulars:

.....

(a) DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- I have read and I understand the contents of this disclosure;
- I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- In addition, there have been no consultations, communications, agreements or arrangements with any competitor

(a) the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

(b) Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

- 3.1. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.2. There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.3. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM

INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

4 GENERAL CONDITIONS

4.1. The following preference point systems are applicable to invitations to tender:

- (a) the 90/10 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- (b) the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

4.2. **To be completed by the organ of state**

(delete whichever is not applicable for this tender).

The applicable preference point system for this tender is the **90/10** preference point system.

The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

4.3. Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- a) Price; and
- b) Specific Goals.

4.4. **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and SPECIFIC GOALS	100

4.5. Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

4.6. The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

5 DEFINITIONS

4 **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

5 **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

6 **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation,

and includes all applicable taxes;

- 7 “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- 8 “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

6 FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

• POINTS AWARDED FOR PRICE

• THE 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

90/10

$$P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 $P_{\min}$ = Price of lowest acceptable tender

• FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOMEGENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

90/10

$$P_s = 90 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 $P_{\max}$ = Price of highest acceptable tender

7 POINTS AWARDED FOR SPECIFIC GOALS

- In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
 - an invitation for tender for income-generating contracts, that either the 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - any other invitation for tender, that either the 90/10 preference point system will apply and that the

lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 preference point system is applicable, corresponding points must also be indicated as such.)

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
Historically Disadvantaged Individuals Ownership	20% (4)	
Women Ownership	20% (4)	
Youth Ownership	20% (4)	
Disability Ownership	20% (4)	
Military Veterans Ownership	10% (2)	
Locality Ownership (Eastern Cape)	10% (2)	
TOTAL	100% (20)	

1. Service providers must submit proof of its Specific Goals points claimed / status of contributor.
2. The Specific Goals supporting documents required to verify claimed points may inline with the specified requirements include:
 - Historically Disadvantaged Individuals Ownership: Proof of ownership (CIPRO certificate) with id no.
 - Women Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.
 - Youth Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.
 - Disability Ownership: Proof of ownership (CIPRO certificate) with valid medical documentary proof.
 - Military Veterans Ownership: Proof of ownership (CIPRO certificate) with valid proof of veteran status.
 - Ownership: Proof of business address (municipal account or valid lease agreement)
 - Updated CSD report

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

• TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

One-person business/sole propriety

Close corporation

Public Company

Personal Liability Company

(Pty) Limited

Non-Profit Company

State Owned Company

[TICK APPLICABLE BOX]

• I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- The information furnished is true and correct;
- The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have -
 - disqualify the person from the tendering process;
 - recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - forward the matter for criminal prosecution, if deemed necessary.

SIGNATURE(S) OF BIDDER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

T2.2: OTHER DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

T2.2g: SPECIFIC GOALS CLAIMED (CIPRO CERTIFICATE)

**T2.2g IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT
THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER**

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Suppliers must attach CIPRO CERTIFICATE.

T2.2y: Proof of Registration with Centralized Supplier Database

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Suppliers must attach Full CSD report.

T2.3: RETURNABLE SCHEDULES OR DOCUMENTS: ANNEXURES RELATED TO EVALUATION

Annexure A1: Method Statement (Generic)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Suppliers are required to submit a method statement relevant to the scope of work.

Annexure A2: Method Statement (Summary Task)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Suppliers are required to submit a summary task. The summary task must indicate the major tasks and subtasks of the works. Contractor must indicate how they would approach the works to achieve the required outcomes from start to end of the project.

Annexure A3: Method Statement (Programme with Timelines and Resources)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS))
TENDER No.	SCMU3-25/26-0142-HO

Suppliers are required to submit Programme with timelines such as a Gantt Chart (quarterly and biannual inspections) and planned resources (human resources and tools) relevant to the scope of work.

Annexure B1: Key Personnel Qualification (Maintenance manager)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE B1 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Suppliers are required to submit proof of maintenance manager's experience (CV) and qualifications. All certified documents must not be older than three (3) months.

Maintenance Manager Mechanical/Electrical Engineering	Electrical / Mechanical Engineering Degree with Registration as per Act 46 of 2000 (PR Eng) (Candidate Registration will not be accepted) OR	Attached certified copies of qualification
	Electrical / Mechanical Engineering Diploma with Registration (PR Tech. Eng/ Pr Techni) as per Act 46 of 2000 (Candidate Registration will not be accepted) OR	Attached certified copies of qualification
	Trade certificate (Mechanical/ Electrical) (Issued by the Department of Labour/ SETA accredited)	Attach certified copies

Annexure B2: Key Personnel Qualification (Maintenance supervisor)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE B2 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Suppliers are required to submit proof of maintenance supervisor's experience, at least five (5) years, (CV) and qualifications.

All certified documents must not be older than three (3) months.

Maintenance Supervisor Mech./Elect. Engineering,	Electrical or Mechanical Engineering Diploma WITH minimum one year post qualification experience on autoclave and sterilization equipment maintenance or installation. OR	Attached certified copies of qualification
	Trade certificate (Mechanical/ Electrical) (Issued by the Department of Labour/ SETA accredited), or higher qualification WITH minimum one year post qualification experience on autoclave and sterilization equipment maintenance or installation.	Attached certified copies of qualification

Annexure B3: Key Personnel Qualification (OHS Safety officer)

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE B3 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Suppliers are required to submit proof of OHS safety officer's experience, at least two (2) years, (CV) and qualifications. All certified documents must not be older than three (3) months.

OHS Safety Officer	Relevant NQF level 5/ or equivalent with 2 years or more relevant experience in OHS safety.	Attached certified copies of qualification
---------------------------	---	--

**Annexure B4: Key Personnel Qualification
(Skilled installation/maintenance Staff)**

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

**ANNEXURE B4 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND
SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER**

Suppliers are required to submit proof of Skilled installation/maintenance staff experience (CV) and qualifications. All certified documents must not be older than three (3) months.

Annexure B5: Proof of Business Address

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE B5 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Suppliers are required to submit proof of business address (municipal account or valid lease agreement not later than 3 months). All certified documents must not be older than three (3) months

Annexure B6: Company Experience

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE B6 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Suppliers are required to submit proof of company experience in the field of autoclaves and sterilization equipment maintenance or installation.

T2.2x References

Bidders must provide references demonstrating their ability to undertake projects similar in scale and complexity to those outlined in this tender document, meeting or surpassing the CIDB grading specified.

T2.2x IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITHOUT A COMPANY STAMP WILL RESULT IN DISQUALIFICATION OF THE TENDERER

Reference No. 1

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Sir/Madam,

We are in the process of evaluating _____ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions, please do not hesitate to contact us.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK

1. QUALITY

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

2. TIME PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

3. FINANCIAL PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

4. COMMENTS:

Project Manager/Principal Agent: _____

Tel. No: _____

E-mail Address: _____

Signature: _____ Date: _____

Place Company Stamp Here

Reference No. 2

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Sir/Madam,

We are in the process of evaluating_____for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK

1. QUALITY

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

2. TIME PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

3. FINANCIAL PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

4. COMMENTS:

Project Manager/Principal Agent:_____

Tel. No: _____

E-mail Address: _____

Signature: _____ Date: _____

Place Company Stamp Here

Reference No. 3

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Sir/Madam,

We are in the process of evaluating_____for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK

1. QUALITY

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

2. TIME PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

3. FINANCIAL PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

4. COMMENTS:

Project Manager/Principal Agent:_____

Tel. No: _____

E-mail Address: _____

Signature:_____Date: _____

Place Company Stamp Here

Reference No. 4

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Sir/Madam,

We are in the process of evaluating _____ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

NAME OF EMPLOYER	NAME OF PROJECT	CONTRACT PERIOD (Start and End Date)	VALUE OF WORK

1. QUALITY

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

2. TIME PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

3. FINANCIAL PERFORMANCE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	4	3	2	1

4. COMMENTS:

Project Manager/Principal Agent: _____

Tel. No: _____

E-mail Address: _____

Signature: _____ Date: _____

Place Company Stamp Here

VOLUME 3: CONTRACT

PART C1: AGREEMENT AND CONTRACT DATA

C1.1 FORM OF OFFER AND ACCEPTANCE

C1.1 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER

OFFER

The Employer, identified in the acceptance signature block, has solicited offers to enter into a Contract for the procurement of:

CONTRACT NUMBER: **SCMU3-25/26-0142-HO**

CONTRACT NAME: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

The Tenderer, identified in the offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the tender schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

The offered total of the prices inclusive of Value-Added Tax is:

.....
.....
..... Rand (in words)
R (in figures)

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in terms of the Conditions of Contract identified in the Contract data.

For and on behalf of the Tenderer:

Name
Capacity
Signature Date:

Name and address of tenderer:

.....
.....
.....

Witness Name
Witness Signature Date:

ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the Contract that is the subject of this agreement.

The terms of the Contract are contained in:

- Part C1: Agreements and Contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site Information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto, as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule, which must be duly signed by the authorised representative(s) of both parties.

The Tenderer shall, within two weeks after receiving a completed copy of this agreement including the schedule of deviation (if any), contact the Employer's Agent (whose details are given in the Contract data) to arrange the delivery of any securities, bonds, guarantees, proof insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract data at or just after, the date this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the Tenderer (now Contractor), within five (5) working days of the date of such receipt, notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding Contract between the parties.

For and on behalf of the Employer:

Name
Capacity
Signature Date:

Name and address of employer:

.....
.....
.....

Witness Name
Witness Signature Date:

SCHEDULE OF DEVIATIONS

Notes:

- The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the conditions of tender.
- A Tenderer's covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
- Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents, and which it is agreed by the parties becomes an obligation of the Contract, shall also be recorded here.
- Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

A Tenderer's covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, be the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.

Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	

..... By the duly authorized representatives signing this schedule of deviations, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the Contract between the parties arising from this agreement.

Part 1– Data provided by the Employer

Clause	Statement	Data
1. General		
	The conditions of contract are the core clauses and the clauses for main Option: dispute resolution Option and secondary Options of the NEC3 Term Service Contract (April 2013)	A Priced contract with price list W1 Dispute resolution procedure X1 Price adjustment for inflation X13 Performance Bond X17 Low service damages X18 Limitation of liability X19 Task Order X20 Key Performance Indicators
10.1	The Employer is (name): Address Represented By: Tel No. Fax No.	Eastern Cape Department of Health Department of Health Global Life Centre Corner Phalo Avenue and R63 (opposite Engen garage) Bhisho 5605 Mr Lamkelo Mdingi
10.1	The Service Manager is (name):	Zutari (Pty) Ltd
	Tel e-mail	
	The Service Manager is (name):	Zutari (Pty) Ltd
11.2(2)	The Affected Property is	OR Tambo and Alfred Nzo District Health Facilities in the Eastern Cape Province as per Service Information

11.2(13)	The service is	Scheduled and Re-Active Maintenance works
11.2(14)	The following matters will be included in Risk register	N/A
11.2(15)	The Service Information is in	The Contract Part 1: Service Information - Scope of Works. Works Information and all documents and drawings to which it makes reference.
12.2	The law of the contract is the law of	the Republic of South Africa
•	The language of this contract is	English
•	The period for reply is	7 days

2. The Contractor's responsibility (If the optional statement for this section is not used, no data will be required for this section)

21.1 The Contractor submits a first Plan for 2 weeks of the Contract Date acceptance within

3. Time

•	The starting date is	at the Site Handover Meeting Date.
•	The service period is	36 Months.

4. Testing and defects

Special testing may be requested by the Service Manager.

5. Payment

50.1	The assessment interval is	Monthly
51.1	The currency of this contract is the	South African Rand
51.2	The period with which payments are made is	30 Days after submission of a valid TAX Invoice to the Employer
51.4	The interest rate is	(i) zero percent above the publicly quoted prime rate of interest (calculated on a 365-day year) charged by from time to time by the South African Reserve Bank (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands

6. Compensation Events

(if the optional statement for this section is not used, no data will be required for this section)

These are additional compensation N/A events

7. Use of Equipment Plant and Materials		No data is required for this section of the conditions of contract.
8. Risks and Insurance		
80.1	These are additional Employer's risks	N/A
83.1	The Employer provides these insurances from the Insurance Table	N/A
83.1	The Employer provides these additional insurances	N/A
83.1	The minimum amount of cover for insurance against loss and damage caused by the Contractor to the Employer's property is	R 5 000 000.00
83.1	The insurance against loss of or damage to the works, Plant and Materials is to include cover for Plant and Materials provided by the Employer to an amount of	R 5 000 000.00
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the Employer's property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the Contractor) arising from or in connection with the Contractor's Providing the Service for any one event is:	R 5 000 000.00
83.1	The Minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the Contractor arising out of and in course of their employment in connection with this contract for any one event is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the Contractor's common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R 5 000 000.00
9. Termination		No data is required for this section of the conditions of contract.
10. Data for main Option Clauses		
A	Priced Contract with Price List	Option A
20.5	The Contractor prepares forecasts of the final total of the Prices for the whole of the service at intervals of no longer than	4 Weeks
11. Data for Option W1		
W1.1	The Adjudicator is (Name)	The person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the party intending to refer a dispute to him. (See www.icesa.org.za)
	Address	
	Tel. No,	
	Fax No.	
	Email	

W1.2(3)	The Adjudicator nominating body is:	The Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering																		
W1.4(2)	The Tribunal is:	Arbitration																		
W1.4(5)	The Arbitration Procedure is	The latest edition of Rules for the Conduct of Arbitrations published by the Association of Arbitrators (South Africa) or its successor body.																		
	The place where arbitration is to be held is	South Africa																		
	The person or organization who will choose an arbitrator	The Chairman for the time being or his nominee of the Association of Arbitrators (South Africa) or its successor																		
1	If the Parties cannot agree a choice body.or																			
2	If the procedure does not state who selects an arbitrator, is																			
12. Data for Secondary Option Clauses																				
X1	Price Adjustment for Inflation																			
X1.1	The base date for indices is March 2025	Tender Closing Date: 28 August 2025																		
	The proportions used to calculate the Price Adjustment Factor are:																			
	Note: Requirements for CPA/Price inflation is that Prices must be Fixed and Firm for the First 12 months of the contract and only subject to escalation thereafter. A minimum of 10% of the contract price / prices is not adjustable throughout the life of the contract	<table><tr><th>Proportion</th><th>Linked to Index for</th><th>Index prepared by (Source)</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td>Non-Adjustable**</td><td></td></tr><tr><td>100%</td><td></td><td></td></tr></table>	Proportion	Linked to Index for	Index prepared by (Source)											Non-Adjustable**		100%		
Proportion	Linked to Index for	Index prepared by (Source)																		
	Non-Adjustable**																			
100%																				
X13	Performance Bond																			
X13.1	The Contractor gives the Employer a performance bond	The Tenderer must provide a Performance Bond in the form of a Fixed Performance Guarantee by means of a Bank Guarantee, or from an Insurer approved by the Service Manager, in the amount of 2.5% of the Awarded Contract Value, once the Contract has been awarded to him. This Bond must be given to the Employer with in four (4) weeks of the Contract Date.																		
X17	Low Service Damages																			
X17.1	The service level table is in	As per Demerit Table in Contact Data – Annexure CD1																		
X18	Limitation of Liability																			
X18.1	The Contractor's liability to the Employer for indirect or consequential loss is limited to	R0.0 (zero Rand)																		
X18.2	For any one event, the Contractor's liability to the Employer for loss of or damage to the Employer's property is limited to	R2 500 000.00																		

X18.3	The Contractor's liability for Defects due to his design of an item of Equipment is limited to	The greater of (a) the total of the Prices at the Contract Date and 1 R2 500 000
X18.4	The Contractor's liability to the Employer for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	N/A
X18.5	The end of liability date is	3 Months after the end of the Service Period.
X19	Task Order The Contractor submits a Task Order programme to the Service Manager within	Authorization to commence with any Task will be done by Task Order. This Task Order will be issued to the Contractor by the Service Manager. Maintenance Turn- around times are stated in the Works Instructions under specification clause GM7.
X20	Key Performance Indicators	Key performance Indicators will be used to monitor Contractor performance on a monthly basis

C1.2 CONTRACT DATA**- Part Two – Data provided by the Contractor**

Clause	Statement	Data
10.1	The Contractor is (Name): Address: Tel No. Fax No.	
11.2(8)	The Direct Fee Percentage is _____ % The Subcontracted Fee Percentage Is _____ %	
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the Contractor's plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The Key Persons are: Name : Job : Responsibilities : Qualifications : Experience	
	Name : Job : Responsibilities : Qualifications : Experience	
		CV's and further key person's data are in
A	Priced Contract with Price List	_____
11.2(12)	The price list is in	
11.2(19)	The tendered total of the Prices is	
X1	Price adjustment for inflation	

X1.1

Proportion	Linked to Index for	Index prepared by (Source)
	Non-Adjustable**	
100%		

Annexure CD1 – Demerit Table and Penalty Calculation System

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Attach document here

ANNEXURE CD1: DEMERIT TABLE AND PENALTY CALCULATION SYSTEM

If the Contractor fails to remedy any sub-standard work within the time frame stipulated by the Service Manager, the conditions as per GM 3.1 will apply.

The contractor will incur demerit points for specific measurable poor performance incidents which can lead to the early termination of the Contract as described below.

DESCRIPTION	DEMERIT POINT
Failure to submit the Functional Condition Assessment Report by the due date	1 point/ week that the report is late
Exceeding the maximum allowable response and resolve time for a P1 Breakdown	3 points/ incident
Exceeding the maximum allowable response and resolve time for a P2 Breakdown	2 points/ incident
Exceeding the maximum allowable response and resolve time for a P3 or P4 Breakdown	1 point/ incident
Not meeting the Planned Maintenance Performance KPI	1 point/ incident
Not meeting the Rework Rate KPI	1 point/ incident
Not meeting the Contractor Contactability KPI	1 point/ incident

The demerit points will accumulate and trigger the following actions:

ACCUMULATED DEMERIT POINTS	ACTION
6	Service Manager to discuss Contractor's performance deviation and agree on improvement measures. If improvement measures are successful and the Contractor has been consistently meeting the required KPI targets for the following two months, the demerit points can be cancelled by the Service Manager.

12	Service Manager to issue notice that Contractor is in Breach of Contract and that Contract Can be terminated if the Contractor does not improve his performance in line with the agreed improvement measures.
----	---

15	Service Manager to Terminate Contract as per Clause 9 of the NEC3 Term Service Contract.
----	--

Poor performance by the Contractor due to late payments by the Employer will not incur demerit points.

Financial penalties, as per the requirements of Secondary Options Clause X17, will be applied on the effected payments at 1% penalty per demerit point by the Service Manager, in the month that the demerit points are allocated to the Contractor

Annexure CD2 – Key Performance Indicator Listing

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

ANNEXURE CD2: KEY PERFORMANCE INDICATOR LISTING

The following Key Performance Indicators (KPI's) will be applicable to this Contract and must be monthly updated and reported on by the Service Manager:

KPI Name	KPI Equation			Frequency	Target
Emergency Job Rate	=	$\frac{\text{Total Number of Emergency Jobs Done}}{\text{Total Number of Jobs Done}}$	X 100%	Monthly	<10%
Planned Maintenance Performance	=	$\frac{\text{Total Number of Scheduled Planned Maintenance Jobs Completed}}{\text{Total Number of Planned Maintenance Jobs Scheduled}}$	X 100%	Monthly	100%
Cost Estimation Accuracy	=	$\frac{\text{Total Actual Cost of Work}}{\text{Total Estimated Cost Of Work}}$	X 100%	Monthly	100%
Response Performance	=	$\frac{\text{Number of Service Calls Completed within Targeted Response Time}}{\text{Total Number of Service Calls}}$	X 100%	Monthly	100%
Rework Rate	=	$\frac{\text{Number of Jobs Requiring Rework}}{\text{Total Number of Jobs Done}}$	X 100%	Monthly	0%
SHEQ	=	Number of SHEQ Incidents Involving the Contractor		Monthly	0
Contractor Contactability	=	Number of Times that Contractor was not Contactable by the Call Cen ^{tre}		Monthly	0

The Service Manager must also ensure that the following items are routinely inspected and reported on by the Site Representative for each Health Facility:

1. Compliance with general maintenance requirements as specified in the Service Information.

2. Manner in which preventative and corrective maintenance is carried out.
3. Manner in which the Maintenance Control Plan is implemented and updated.
4. Manner in which Task Orders received from the Service Manager is dealt with.
5. Manner in which records are kept as required by the Service Information as well as the Occupational Health and Safety Act, Act No 85 of 1993 as amended.
6. Quality of services carried out for the month prior to the inspection.

Note: The aim of the above inspection is to determine that all the requirements of the specification have been complied with. Should the Service Manager believe that one or more maintenance items referred to above, have been neglected or totally ignored by the Contractor he may decide to implement demerit points as penalty as per X17 for each type of non-compliance found during the inspection.

C1.3: PERFORMANCE GUARANTEE (PRO FORMA)

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

Physical Address:

"Employer" means:

"Service Provider" means:

"Engineer" means:

"Works" means:

"Site" means:

"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Contract Sum" means: The accepted amount inclusive of tax of R Amount in words:

Guaranteed Sum" means: The maximum aggregate amount of R Amount in words:

Type of Performance Guarantee: Fixed

"Expiry Date" means: Last day of the contract

CONTRACT DETAILS

Employer's Agent: Interim Payment Certificates, Final Payment Certificate and the Certificate of Completion of the Works as defined in the Contract.

1. FIXED PERFORMANCE GUARANTEE

- 1.1 Where a fixed Performance Guarantee has been selected. The Guarantor's liability shall be limited to the amount of the Guarantee Sum.
- 1.2 The Guarantor's period of liability shall be from and including the date on which the Performance Guarantee is signed, up to and including the Expiry Date, or the date of issue by the Employer's Agent of the Certificate of Completion of the Works, or the date of payment in full of the Guaranteed Sum, whichever occurs first.
- 1.3 The Employer's Agent and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.

2. CONDITIONS APPLICABLE TO FIXED PERFORMANCES GUARANTEES

2.1 The Guarantor hereby acknowledges that:

2.1.1. Any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be constructed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship.

2.1.2. Its obligation under this Performance Guarantee is restricted to the payment of money.

2.2. Subject to the Guarantor's maximum liability referred to in 1.1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 2.2.1 to 2.2.3:

2.2.1. A copy of a first written demand issued by the Employer to the Service Provider stating that payment of a sum certified by the Employer's Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 2.2.2;

2.2.2. A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Service Provider stating that a period of seven (7) days has elapsed since the first written demand in terms of 2.2.1 and the sum certified has still not been paid;

2.2.3. A copy of the aforesaid payment which entitles the Employer to receive payment in terms of the Contract of the sum certified in 2.2.

2.3. Subject to the Guarantor's maximum liability referred to in 1.1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:

2.3.1. The Contract has been terminated due to the Service Provider's default and that this Performance Guarantee is called up in terms of 2.3; or

2.3.2. A provisional or final sequestration or liquidation court order has been granted against the Service Provider and that the Performance Guarantee is called up in terms of 2.3; and

2.3.3. The aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provision liquidation court order.

2.3.4. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 2.2 and 2.3 shall not exceed the Guarantor's maximum liability in terms of 1.1.

2.3.5. Where the Guarantor has made payment in terms of 2.3, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of the Performance Guarantee shall bear interest at the prime overdraft rate by the Employer's Bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.

2.3.6. Payment by the Guarantor in terms of 2.2 or 2.3 shall only be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.

2.3.7. Payment by the Guarantor in terms of 2.3 will only be made against the return of the original Performance Guarantee by the Employer.

- 2.4. The Employer shall have the absolute right to arrange his affairs with the service provider in any manner which the Employer may consider fit and the Guarantor shall not have right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 2.5. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- 2.6. This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 1.2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 2.7. This Performance Guarantee, with the required demand notices in terms of 2.2 or 2.3, shall be regarded as a liquid document for the purposes of obtaining a court order.
- 2.8. Where the Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act of section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the magistrate's Court.

Signed at Date

.....

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

CIDB ADJUDICATOR'S AGREEMENT

This agreement is made on the day of between:
..... (name of company / organisation) of
.....
..... (address) and.
..... (name of company / organisation) of
.....
..... (address) (the Parties) and.
..... (name) of
.....
..... (address)
(the Adjudicator).

Disputes or differences may arise/have arisen* between the Parties under a Contract dated and known as.
.....

and these disputes or differences shall be/have been* referred to adjudication in accordance with the CIDB Adjudication Procedure, (hereinafter called "the Procedure") and the Adjudicator may be or has been requested to act.

* Delete as necessary

IT IS NOW AGREED as follows:

- i The rights and obligations of the Adjudicator and the Parties shall be as set out in the Procedure.
- ii The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the Procedure.
- iii The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses in accordance with the Procedure as set out in the Contract Data.
- iv The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
- v The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

SIGNED

by:

Name: _____

Witness

Name: _____

Address: _____

SIGNED by:

Name: _____

Witness:

Name _____

Address: _____

SIGNED by:

Name: _____

Witness:

Name: _____

Address: _____

Date: _____ Date: _____ Date: _____

Contract Data

1	The Adjudicator shall be paid at the hourly rate of R..... in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: - i Printing, reproduction and purchase of documents, drawings, maps, records and photographs. - ii Telegrams, telex, faxes, and telephone calls. - iii Postage and similar delivery charges. - iv Travelling, hotel expenses and other similar disbursements. - v Room charges. - vi Charges for legal or technical advice obtained in accordance with the Procedure.
3	The Adjudicator shall be paid an appointment fee of R..... This fee shall become payable in equal amounts by each Party within days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due 7 days after receipt of invoice, thereafter interest shall be payable at 5% per annum above the Reserve Bank base rate for every day the amount remains outstanding.

* Delete as necessary

PART C2-1: PRICING DATA

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

C2.1 Pricing Data

GENERAL NOTES

1. Documents

The Schedule of Quantities form part of the Document and must be read in conjunction with the other parts forming the Document in order to gain the full meanings of the descriptions of the work to be done and materials and equipment to be used.

2. Alterations

No alterations, erasure or addition is to be made in the text of the Schedule of Quantities. Should any alteration, erasure or addition be made, it will not be recognised and the original wording of the Schedule of Quantities will be adhered to.

3. Issue of Schedule of Quantities in Electronic Format

The Engineers will make the Schedule of Quantities available to Tenderers in electronic (Microsoft Excel Workbook) format, upon request.

If utilised for tender submission, the Tenderer will be responsible for ensuring the correctness of all calculations. The Consulting Electrical Engineers cannot be held responsible for any arithmetic inaccuracies in the electronic Schedule of Quantities.

4. Pages

Before submitting his Tender, the Tenderer must check to ensure all pages have been included and are distinct. Should any obvious errors be found the Engineer is to be notified immediately to have them corrected as no liability whatsoever will be admitted by the Engineer in respect of errors in the Tender due to the foregoing.

5. Responsibility

The responsibility for the accuracy of the quantities written into the Schedule of Quantities remains with the person who prepared the Schedule of Quantities. The Tenderer shall be relieved of the responsibility of measuring quantities at the Tender stage, and the Tender Price submitted shall be in respect of the quantities set out in the Schedule of Quantities.

The Tenderer will be required to make his assessment of items such as brackets, fixings, etc., from details stated in the Schedule of Quantities and shall make allowances therefore within the rates tendered.

Tenderers shall make due allowance in their rates for any item of incidental or contingent work, labour and materials not contained in the Schedule of Quantities, but deemed necessary for the successful completion of the Works.

6. Offered rates in the Schedule of Quantities

The rates in the Schedule of Quantities shall be final and no further adjustment will be made.

7. Currency

All the offered rates in the Schedule of Quantities shall be in South African Rands (R). Any items purchased overseas must be converted to local currency with all exchange rates and export charges.

8. Unit Rates

Unless a separate rate for the supply and the installation of any item is specifically called for, the supply and installation costs of any items shall be fully included in the unit price.

The description of each item shall, unless otherwise stated herein, be held to include making, conveying and delivering, unloading, storing, unpacking, hoisting, setting, fitting and fixing in position, cutting and

waste, patterns, models and templates plant, temporary works, return of water establishment charges, profit and all other obligations arising out of the Conditions of Contract.

9. Variations

Variations in the scope and extent of the work included in the Schedule of Quantities shall be allowed in order to meet the Employer's requirements and shall be measured and costed at the rates entered in the Schedule of Quantities, where appropriate, forming an addition to or deduction from the total of the Schedule of Quantities. Any items or variations for which rates have not been added in the Schedule of Quantities shall be agreed and priced as non-scheduled items in accordance with the provisions of the contract.

The rules governing the extent and costing of the variations shall be those provided for in the Conditions of Contract and Variations to Sub-contract.

Variations to the planning before the work has been executed shall be priced as above. Alterations to work already executed cannot necessarily be priced as above and must be reviewed on its merits.

The appropriate portions of the Preliminary & General Costs are to be adjusted proportionately to the nett additions or omissions of the variations to the contract

10. Preliminary and General

Tenderers are to note that no allowances have been made in the Schedules of Quantities for the pricing of "Preliminary & General" items.

Tenderers shall therefore, include the "Preliminary & General" component of their Tender Price in their tendered rates for the respective items of equipment / Work.

11. Provisional Sums

All Provisional Sums shall be expended only as directed by the Client and Engineer and any balance remaining shall be deducted from the amount of the Sub-contract sum. No work for which Provisional Sums are provided shall be commenced without written instructions from the Engineer.

All Provisional Sums may be utilised in full or in part. These Provisional Sums may be deleted in full or in part if not required.

12. Contingency Sums

All Contingency Sums shall be expended only as directed by the Client and Engineer. No work for which Contingency Sums are provided shall be commenced without written instructions from the Engineer.

All Contingency Sums may be utilised in full or in part. These Contingency Sums may be deleted in full or in part if not required.

13. Dayworks

The rates included for daywork shall not form part of the Tender Price, but Tenderers shall note that this item must be regarded as provisional and will only be payable to the Sub-contractor if and when a written order to this effect has been issued.

14. Value Added Tax

This Schedule of Quantities shall be priced nett, excluding VAT.

VAT shall only be added at the Summary at the end of the Schedule of Quantities for the Principal Contract.

15. Adjustment

The Employer reserves the right to adjust arithmetical errors in the extension of rates and totals in the Tender, and the Tenderer will be informed of the effect of any corrections on his Tender Sum prior to the award of the Contract. In no case will tendered rates be adjusted when correcting such errors.

In the event of there being tendered rates or prices which are declared by the Employer to be unacceptable to him, because they are either excessively low or high or not in proper balance with other rates, the Tenderer may be required to produce evidence and advance arguments in support of the tendered rates or prices objected to. If after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the tendered rates or prices objected to, he may request the Tenderer to amend these rates and prices along the lines indicated by him.

The Tenderer may or may not thereupon alter and amend the rates and prices objected to and such other related prices as are agreed to by the Employer. Should the Tenderer fail to amend his Tender in a manner acceptable to the Employer, or at all, it may prejudice his Tender.

In the case of Tenders with Schedule of Quantities, the total corrected Tender Price in the Tender Form shall constitute the Sub-contract Sum. Tenderers are advised to check their extensions and additions. In the case of a Lump Sum Tender, the original uncorrected Tender Price shall be considered. The Engineer shall negotiate adjustments to the rates tendered in order to correct the arithmetical extension or addition, whilst the Tender Price as submitted, remains unaltered.

In either case, the Tenderer shall be notified of any arithmetical error in his Tender, and shall be given the opportunity to withdraw the Tender at this stage.

16.Quantification

The successful Tenderer and the Employer or his Agent may agree that the total of any Schedule, including any variations by way of additions thereto or deductions there from, represents a fair and accurate quantification of the items set out in the Schedule of Quantities and the parties may agree final payment on that basis. In the event of any dispute as to the quantities, the disputed item or items shall be adjusted where necessary.

17.Ordering

The quantities in this Schedule of Quantities shall not be used for ordering materials. The onus is on the successful Tenderer to order the correct quantities of materials as per the drawings.

18.Payment

The measurement and payment of Work done shall be made in accordance with the unit price rates, and rates of pay listed in the Schedule of Quantities. No payment will be made for any item of associated work not specifically detailed in the Schedule of Quantities.

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

C2.2 Schedules of Quantities

C2.2 IS A MANDATORY RETURNABLE DOCUMENT. FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WILL RESULT IN DISQUALIFICATION OF THE TENDERER.

Cluster/District: OR TAMBO DISTRICT & ALFRED NZO

AUTOCLAVE & STERILIZATION EQUIPMENT

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF NO

SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE

Autoclaves and Sterilizers

Cluster 1

SCHEDULE NUMBER	DESCRIPTION		TENDER AMOUNT
1B-1	AN DISTRICT -	FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK	
1B-2	AN DISTRICT -	FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)	
1B-3	AN DISTRICT -	FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)	
1B-4	AN DISTRICT -	FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)	
1B-5	AN DISTRICT -	FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK	
2B-1	AN DISTRICT -	FUNCTIONAL REPAIR SCHEDULE	
2B-2	AN DISTRICT -	FUNCTIONAL REPAIR SCHEDULE (continued)	
2B-3	AN DISTRICT -	FUNCTIONAL REPAIR SCHEDULE (continued)	
2B-4	AN DISTRICT -	FUNCTIONAL REPAIR SCHEDULE	
3B	AN DISTRICT -	MAINTENANCE SERVICE SCHEDULE	
TOTAL AMOUNT OF WORKS (EXCL VAT) - ENTER THIS AMOUNT TO FINAL SUMMARY			

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	VERIFICATION OF ASSETS ON SITE : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Flagstaff CHC	Item	1		
1.2		Bambisana Hospital	Item	1		
1.3		Holy Cross Hospital	Item	1		
1.4		Qumbu CHC	Item	1		
1.5		Gura Clinic	Item	1		
1.6		Mbalisweni Clinic	Item	1		
1.7		Lotana Clinic	Item	1		
1.8		Lower Gungululu Clinic	Item	1		
1.9		Mhlakulo CHC	Item	1		
1.10		St Lucy's Hospital	Item	1		
1.11		Tombo CHC	Item	1		
1.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
1.13		Isilimela Hospital	Item	1		
1.14		Port St Johns CHC	Item	1		
1.15		Mthatha Regional Hospital	Item	1		
1.16		Nelson Mandela Academic Hospital	Item	1		
1.17		Makhotyana CHC	Item	1		
1.18		Nkanga Clinic	Item	1		
1.19		Buntingville Clinic	Item	1		
1.20		St Patrick's Hospital	Item	1		
1.21		Greenville Hospital	Item	1		
1.22		Meje CHC	Item	1		
1.23		Mount Ayliff Hospital	Item	1		
1.24		Madzikane kaZulu Memorial Hospital	Item	1		
1.25		Khotsong TB Hospital	Item	1		
1.26		Tayler Bequest Hospital (Matatiele)	Item	1		
1.27		Bedford Hospital	Item	1		
1.28		Zithulele Hospital	Item	1		
1.29		St Barnabas Hospital	Item	1		
1.30		Canzibe Hospital	Item	1		
1.31		Nessie Knight Hospital	Item	1		
1.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	VERIFICATION OF SPARE PART INVENTORY ON SITE : Find and verify all spares for the asset type that is currently available on site				
2.1		Flagstaff CHC	Item	1		
2.2		Bambisana Hospital	Item	1		
2.3		Holy Cross Hospital	Item	1		
2.4		Qumbu CHC	Item	1		
2.5		Gura Clinic	Item	1		
2.6		Mbalisweni Clinic	Item	1		
2.7		Lotana Clinic	Item	1		
2.8		Lower Gungululu Clinic	Item	1		
2.9		Mhlakulo CHC	Item	1		
2.10		St Lucy's Hospital	Item	1		
2.11		Tombo CHC	Item	1		
2.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
2.13		Isilimela Hospital	Item	1		
2.14		Port St Johns CHC	Item	1		
2.15		Mthatha Regional Hospital	Item	1		
2.16		Nelson Mandela Academic Hospital	Item	1		
2.17		Makhotyana CHC	Item	1		
2.18		Nkanga Clinic	Item	1		
2.19		Buntingville Clinic	Item	1		
2.20		St Patrick's Hospital	Item	1		
2.21		Greenville Hospital	Item	1		
2.22		Meje CHC	Item	1		
2.23		Mount Ayliff Hospital	Item	1		
2.24		Madzikane kaZulu Memorial Hospital	Item	1		
2.25		Khotsong TB Hospital	Item	1		
2.26		Tayler Bequest Hospital (Matatiele)	Item	1		
2.27		Bedford Hospital	Item	1		
2.28		Zithulele Hospital	Item	1		
2.29		St Barnabas Hospital	Item	1		
2.30		Canzibe Hospital	Item	1		
2.31		Nessie Knight Hospital	Item	1		
2.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT: Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Flagstaff CHC	Item	1		
3.2		Bambisana Hospital	Item	1		
3.3		Holy Cross Hospital	Item	1		
3.4		Qumbu CHC	Item	1		
3.5		Gura Clinic	Item	1		
3.6		Mbalisweni Clinic	Item	1		
3.7		Lotana Clinic	Item	1		
3.8		Lower Gungululu Clinic	Item	1		
3.9		Mhlakulo CHC	Item	1		
3.10		St Lucy's Hospital	Item	1		
3.11		Tombo CHC	Item	1		
3.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
3.13		Isilimela Hospital	Item	1		
3.14		Port St Johns CHC	Item	1		
3.15		Mthatha Regional Hospital	Item	1		
3.16		Nelson Mandela Academic Hospital	Item	1		
3.17		Makhotyana CHC	Item	1		
3.18		Nkanga Clinic	Item	1		
3.19		Buntingville Clinic	Item	1		
3.20		St Patrick's Hospital	Item	1		
3.21		Greenville Hospital	Item	1		
2.22		Meje CHC	Item	1		
2.23		Mount Ayliff Hospital	Item	1		
2.24		Madzikane kaZulu Memorial Hospital	Item	1		
2.25		Khotsong TB Hospital	Item	1		
2.26		Tayler Bequest Hospital (Matatiele)	Item	1		
2.27		Bedford Hospital	Item	1		
2.28		Zithulele Hospital	Item	1		
2.29		St Barnabas Hospital	Item	1		
2.30		Canzibe Hospital	Item	1		
2.31		Nessie Knight Hospital	Item	1		
2.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO
ASSET TYPE: Autoclaves and Sterilizers

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	COMPILING OF OPERATING AND MAINTENANCE MANUALS : Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Flagstaff CHC	Item	1		
4.2		Bambisana Hospital	Item	1		
4.3		Holy Cross Hospital	Item	1		
4.4		Qumbu CHC	Item	1		
4.5		Gura Clinic	Item	1		
4.6		Mbalisweni Clinic	Item	1		
4.7		Lotana Clinic	Item	1		
4.8		Lower Gungululu Clinic	Item	1		
4.9		Mhlakulo CHC	Item	1		
4.10		St Lucy's Hospital	Item	1		
4.11		Tombo CHC	Item	1		
4.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
4.13		Isilimela Hospital	Item	1		
4.14		Port St Johns CHC	Item	1		
4.15		Mthatha Regional Hospital	Item	1		
4.16		Nelson Mandela Academic Hospital	Item	1		
4.17		Makhotyana CHC	Item	1		
4.18		Nkanga Clinic	Item	1		
4.19		Buntingville Clinic	Item	1		
4.20		St Patrick's Hospital	Item	1		
4.21		Greenville Hospital	Item	1		
4.22		Meje CHC	Item	1		
4.23		Mount Ayliff Hospital	Item	1		
4.24		Madzikane kaZulu Memorial Hospital	Item	1		
4.25		Khotsong TB Hospital	Item	1		
4.26		Tayler Bequest Hospital (Matatiele)	Item	1		
4.27		Bedford Hospital	Item	1		
4.28		Zithulele Hospital	Item	1		
4.29		St Barnabas Hospital	Item	1		
4.30		Canzibe Hospital	Item	1		
4.31		Nessie Knight Hospital	Item	1		
4.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO
ASSET TYPE: Autoclaves and Sterilizers

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	SS 8 & 9	OPERATOR AND MAINTAINER TRAINING : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Flagstaff CHC	Hrs	40		
5.2		Bambisana Hospital	Hrs	40		
5.3		Holy Cross Hospital	Hrs	40		
5.4		Qumbu CHC	Hrs	40		
5.5		Gura Clinic	Hrs	40		
5.6		Mbalisweni Clinic	Hrs	40		
5.7		Lotana Clinic	Hrs	40		
5.8		Lower Gungululu Clinic	Hrs	40		
5.9		Mhlakulo CHC	Hrs	40		
5.10		St Lucy's Hospital	Hrs	40		
5.11		Tombo CHC	Hrs	40		
5.12		Dr Malizo Mpehle Memorial Hospital	Hrs	40		
5.13		Isilimela Hospital	Hrs	40		
5.14		Port St Johns CHC	Hrs	40		
5.15		Mthatha Regional Hospital	Hrs	40		
5.16		Nelson Mandela Academic Hospital	Hrs	40		
5.17		Makhotyana CHC	Hrs	40		
5.18		Nkanga Clinic	Hrs	40		
5.19		Buntingville Clinic	Hrs	40		
5.20		St Patrick's Hospital	Hrs	40		
5.21		Greenville Hospital	Hrs	40		
5.22		Meje CHC	Hrs	40		
5.23		Mount Ayliff Hospital	Hrs	40		
5.24		Madzikane kaZulu Memorial Hospital	Hrs	40		
5.25		Khotsong TB Hospital	Hrs	40		
5.26		Tayler Bequest Hospital (Matatiele)	Hrs	40		
5.27		Bedford Hospital	Hrs	40		
5.28		Zithulele Hospital	Hrs	40		
5.29		St Barnabas Hospital	Hrs	40		
5.30		Canzibe Hospital	Hrs	40		
5.31		Nessie Knight Hospital	Hrs	40		
5.32		Sipetu Hospital	Hrs	40		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 1B-6: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	GM 3	MAINTENANCE CONTROL PLAN : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Flagstaff CHC	Item	1		
6.2		Bambisana Hospital	Item	1		
6.3		Holy Cross Hospital	Item	1		
6.4		Qumbu CHC	Item	1		
6.5		Gura Clinic	Item	1		
6.6		Mbalisweni Clinic	Item	1		
6.7		Lotana Clinic	Item	1		
6.8		Lower Gungululu Clinic	Item	1		
6.9		Mhlakulo CHC	Item	1		
6.10		St Lucy's Hospital	Item	1		
6.11		Tombo CHC	Item	1		
6.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
6.13		Isilimela Hospital	Item	1		
6.14		Port St Johns CHC	Item	1		
6.15		Mthatha Regional Hospital	Item	1		
6.16		Nelson Mandela Academic Hospital	Item	1		
6.17		Makhotyana CHC	Item	1		
6.18		Nkanga Clinic	Item	1		
6.19		Buntingville Clinic	Item	1		
6.20		St Patrick's Hospital	Item	1		
6.21		Greenville Hospital	Item	1		
6.22		Meje CHC	Item	1		
6.23		Mount Ayliff Hospital	Item	1		
6.24		Madzikane kaZulu Memorial Hospital	Item	1		
6.25		Khotsong TB Hospital	Item	1		
6.26		Tayler Bequest Hospital (Matatiele)	Item	1		
6.27		Bedford Hospital	Item	1		
6.28		Zithulele Hospital	Item	1		
6.29		St Barnabas Hospital	Item	1		
6.30		Canzibe Hospital	Item	1		
6.31		Nessie Knight Hospital	Item	1		
6.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	FUNCTIONAL CONDITION ASSESSMENT : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Flagstaff CHC	Item	1		
1.2		Bambisana Hospital	Item	1		
1.3		Holy Cross Hospital	Item	1		
1.4		Qumbu CHC	Item	1		
1.5		Gura Clinic	Item	1		
1.6		Mbalisweni Clinic	Item	1		
1.7		Lotana Clinic	Item	1		
1.8		Lower Gungululu Clinic	Item	1		
1.9		Mhlakulo CHC	Item	1		
1.10		St Lucy's Hospital	Item	1		
1.11		Tombo CHC	Item	1		
1.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
1.13		Isilimela Hospital	Item	1		
1.14		Port St Johns CHC	Item	1		
1.15		Mthatha Regional Hospital	Item	1		
1.16		Nelson Mandela Academic Hospital	Item	1		
1.17		Makhotyana CHC	Item	1		
1.18		Nkanga Clinic	Item	1		
1.19		Buntingville Clinic	Item	1		
1.20		St Patrick's Hospital	Item	1		
1.21		Greenville Hospital	Item	1		
1.22		Meje CHC	Item	1		
1.23		Mount Ayliff Hospital	Item	1		
1.24		Madzikane kaZulu Memorial Hospital	Item	1		
1.25		Khotsong TB Hospital	Item	1		
1.26		Tayler Bequest Hospital (Matatiele)	Item	1		
1.27		Bedford Hospital	Item	1		
1.28		Zithulele Hospital	Item	1		
1.29		St Barnabas Hospital	Item	1		
1.30		Canzibe Hospital	Item	1		
1.31		Nessie Knight Hospital	Item	1		
1.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO
ASSET TYPE: Autoclaves and Sterilizers

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	COMPILING OF PRICED SPARE PART LISTS : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contrcator's cost price). NOTE: The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Flagstaff CHC	Item	1		
2.2		Bambisana Hospital	Item	1		
2.3		Holy Cross Hospital	Item	1		
2.4		Qumbu CHC	Item	1		
2.5		Gura Clinic	Item	1		
2.6		Mbalisweni Clinic	Item	1		
2.7		Lotana Clinic	Item	1		
2.8		Lower Gungululu Clinic	Item	1		
2.9		Mhlakulo CHC	Item	1		
2.10		St Lucy's Hospital	Item	1		
2.11		Tombo CHC	Item	1		
2.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
2.13		Isilimela Hospital	Item	1		
2.14		Port St Johns CHC	Item	1		
2.15		Mthatha Regional Hospital	Item	1		
2.16		Nelson Mandela Academic Hospital	Item	1		
2.17		Makhotyana CHC	Item	1		
2.18		Nkanga Clinic	Item	1		
2.19		Buntingville Clinic	Item	1		
2.20		St Patrick's Hospital	Item	1		
2.21		Greenville Hospital	Item	1		
2.22		Meje CHC	Item	1		
2.23		Mount Ayliff Hospital	Item	1		
2.24		Madzikane kaZulu Memorial Hospital	Item	1		
2.25		Khotsong TB Hospital	Item	1		
2.26		Tayler Bequest Hospital (Matatiele)	Item	1		
2.27		Bedford Hospital	Item	1		
2.28		Zithulele Hospital	Item	1		
2.29		St Barnabas Hospital	Item	1		
2.30		Canzibe Hospital	Item	1		
2.31		Nessie Knight Hospital	Item	1		
2.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO
ASSET TYPE: Autoclaves and Sterilizers

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	COMPILING OF DETAILED REPAIR SCHEDULE : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Flagstaff CHC	Item	1		
3.2		Bambisana Hospital	Item	1		
3.3		Holy Cross Hospital	Item	1		
3.4		Qumbu CHC	Item	1		
3.5		Gura Clinic	Item	1		
3.6		Mbalisweni Clinic	Item	1		
3.7		Lotana Clinic	Item	1		
3.8		Lower Gungululu Clinic	Item	1		
3.9		Mhlakulo CHC	Item	1		
3.10		St Lucy's Hospital	Item	1		
3.11		Tombo CHC	Item	1		
3.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
3.13		Isilimela Hospital	Item	1		
3.14		Port St Johns CHC	Item	1		
3.15		Mthatha Regional Hospital	Item	1		
3.16		Nelson Mandela Academic Hospital	Item	1		
3.17		Makhotyana CHC	Item	1		
3.18		Nkanga Clinic	Item	1		
3.19		Buntingville Clinic	Item	1		
3.20		St Patrick's Hospital	Item	1		
3.21		Greenville Hospital	Item	1		
3.22		Meje CHC	Item	1		
3.23		Mount Ayliff Hospital	Item	1		
3.24		Madzikane kaZulu Memorial Hospital	Item	1		
3.25		Khotsong TB Hospital	Item	1		
3.26		Tayler Bequest Hospital (Matatiele)	Item	1		
3.27		Bedford Hospital	Item	1		
3.28		Zithulele Hospital	Item	1		
3.29		St Barnabas Hospital	Item	1		
3.30		Canzibe Hospital	Item	1		
3.31		Nessie Knight Hospital	Item	1		
3.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO
ASSET TYPE: Autoclaves and Sterilizers

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.6	COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT: Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Flagstaff CHC	Item	1		
4.2		Bambisana Hospital	Item	1		
4.3		Holy Cross Hospital	Item	1		
4.4		Qumbu CHC	Item	1		
4.5		Gura Clinic	Item	1		
4.6		Mbalisweni Clinic	Item	1		
4.7		Lotana Clinic	Item	1		
4.8		Lower Gungululu Clinic	Item	1		
4.9		Mhlakulo CHC	Item	1		
4.10		St Lucy's Hospital	Item	1		
4.11		Tombo CHC	Item	1		
4.12		Dr Malizo Mpehle Memorial Hospital	Item	1		
4.13		Isilimela Hospital	Item	1		
4.14		Port St Johns CHC	Item	1		
4.15		Mthatha Regional Hospital	Item	1		
4.16		Nelson Mandela Academic Hospital	Item	1		
4.17		Makhotyana CHC	Item	1		
4.18		Nkanga Clinic	Item	1		
4.19		Buntingville Clinic	Item	1		
4.20		St Patrick's Hospital	Item	1		
4.21		Greenville Hospital	Item	1		
4.22		Meje CHC	Item	1		
4.23		Mount Ayliff Hospital	Item	1		
4.24		Madzikane kaZulu Memorial Hospital	Item	1		
4.25		Khotsong TB Hospital	Item	1		
4.26		Tayler Bequest Hospital (Matatiele)	Item	1		
4.27		Bedford Hospital	Item	1		
4.28		Zithulele Hospital	Item	1		
4.29		St Barnabas Hospital	Item	1		
4.30		Canzibe Hospital	Item	1		
4.31		Nessie Knight Hospital	Item	1		
4.32		Sipetu Hospital	Item	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-25/26-0142-HO

Cluster/District:

OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: Autoclaves and Sterilizers

Cluster 1

SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
1	GM 3.2	MAINTENANCE WORKS : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances (Price per machine)					
1.1		Flagstaff CHC: Industrial Autoclave					
1.1.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.1.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.1.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.2		Flagstaff CHC: Desktop Sterilizer					
1.2.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.2.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.2.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.3		Flagstaff CHC: Ultrasonic Cleaner					
1.3.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.3.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.3.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.4		Bambisana Hospital: Industrial Autoclave					
1.4.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.4.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.4.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.5		Bambisana Hospital: Desktop Sterilizer					
1.5.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.5.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.5.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.6		Holy Cross Hospital: Desktop Sterilizer					
1.6.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.6.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.6.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.7		Qumbu CHC: Desktop Sterilizer					
1.7.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.7.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.7.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.8		Gura Clinic: Desktop Sterilizer					
1.8.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.8.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.8.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.9		Mbalisweni Clinic: Desktop Sterilizer					
1.9.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.9.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.9.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.10		Lotana Clinic: Industrial Autoclave					
1.10.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.10.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.10.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.11		Lower Gungululu Clinic: Desktop Sterilizer					
1.11.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.11.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.11.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.12		Mhlakulo CHC: Desktop Sterilizer					
1.12.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.12.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.12.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.13		St Lucy's Hospital: Industrial Autoclave					
1.13.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.13.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.13.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.14		Tombo CHC: Industrial Autoclave					
1.14.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.14.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.14.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.15		Dr Malizo Mpehle Memorial Hospital: Industrial Autoclave					
1.15.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.15.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.15.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.16		Isilimela Hospital: Industrial Autoclave					
1.16.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.16.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.16.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.17		Port St Johns CHC: Desktop Sterilizer					
1.17.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.17.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.17.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.18		Mthatha Regional Hospital: Industrial Autoclave					
1.18.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.18.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.18.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.19		Nelson Mandela Academic Hospital: Industrial Autoclave					
1.19.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.19.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.19.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.20		Makhotyana CHC: Industrial Autoclave					
1.20.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.20.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.20.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.21		Makhotyana CHC: Desktop Sterilizer					
1.21.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.21.1		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.21.1		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.21		Nkanga Clinic: Industrial Autoclave					
1.21.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.21.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.21.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.22		Buntingville Clinic: Desktop Sterilizer					
1.22.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.22.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.22.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.23		St Patrick's Hospital: Industrial Autoclave					
1.23.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.23.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.23.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.24		Greenville Hospital: Industrial Autoclave					
1.24.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.24.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.24.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.25		Meje CHC: Industrial Autoclave					
1.25.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.25.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.25.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.26		Mount Ayliff Hospital: Industrial Autoclave					
1.26.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.26.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.26.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.27		Mount Ayliff Hospital: Desktop Sterilizer					
1.27.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.27.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.27.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.28		Madzikane kaZulu Memorial Hospital: Industrial Autoclave					
1.28.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	3	6		
1.28.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	3	6		
1.28.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	3	1		

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
1.29		Khotsong TB Hospital: Industrial Autoclave					
1.29.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	5	6		
1.29.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	5	6		
1.29.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	5	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.30		Bedford Hospital: Industrial Autoclave					
1.30.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.30.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.30.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.31		Bedford Hospital: Desktop Sterilizer					
1.31.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.31.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.31.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.32		Tayler Bequest Hospital: Industrial Autoclave					
1.32.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	3	6		
1.32.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	3	6		
1.32.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	3	1		
1.33		Zithulele Hospital: Industrial Autoclave					
1.33.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.33.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.33.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.34		St Barnabas Hospital: Industrial Autoclave					
1.34.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.34.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.34.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
TOTAL CARRIED TO NEXT PAGE							

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	MACHINE QTY	QTY OF SERVICE PER MACHINE	RATE	AMOUNT
TOTAL FROM PREVIOUS PAGE							
1.35		Canzibe Hospital: Industrial Autoclave					
1.35.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	1	6		
1.35.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	1	6		
1.35.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	1	1		
1.36		Nessie Knight Hospital: Industrial Autoclave					
1.36.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.36.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.36.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.37		Sipetu Hospital: Industrial Autoclave					
1.37.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.37.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.37.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
1.38		Sipetu Hospital: Desktop Sterilizer					
1.38.1		Minor Service Cost : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	2	6		
1.38.2		Major Service Cost : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	2	6		
1.38.3		AIA Statutory Inspection: (3 yearly) If no records are found on site a statutory inspection must be done ASAP after site hand over.	No	2	1		
TOTAL CARRIED TO SUMMARY PAGE							

SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU-23/24-0788-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT
Cluster 1

ASSET TYPE: Autoclaves and Sterilizers

SCHEDULE 4 : TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION OF THE WORKS

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.8	LABOUR RATES APPLICABLE TO UNSCHEDULED WORK (DAY RATES): Labour rates that Contractor will charge for additional adhoc work that is not contained in Schedules 1 to 3.				
1.1		Technician	Hr	300		
1.2		Senior Artisan (Trade Tested & Additional Certification)	Hr	580		
1.3		Artisan (Trade Tested)	Hr	430		
1.4		Utility Man (Non-Trade Tested)	Hr	890		
1.5		Artisan Aid	Hr	500		
1.6		General Worker	Hr	990		
2	GM 2.8.3	TRAVELLING : Travelling cost will be as per the rates for reimbursable expenses published monthly by the National Department of Public Works at the time of rendering the service/repair.				
2.1		Vehicle Travelling Estimate	Km	110,000		
3	GM 2.8.3	ACCOMMODATION AND SUBSISTENCE : Daily Rates per person that the Contractor will claim for approved trips lasting more than one day at a time.				
3.1		Accommodation	Per/night	60		
3.2		Subsistence	Per/day	60		
4	GM 2.5 (10), GM 2.8.1 & GM 2.10.3	PROVISION TO COVER REPAIRS DURING THE TERM OF THE CONTRACT : Lump Sum Provision to cover repairs and breakdowns during the course of the Contract in addition to the agreed routine servicing of the Assets.	PSum	1	R 4,000,000.00	R 4,000,000.00
5	GM 2.8.1 & Clause 11.2(8)	DIRECT FEE PERCENTAGE (MARK-UP) ON MATERIALS AND SERVICES THAT IS NOT INCLUDED IN PRICE LISTS : Mark-up on proven cost for materials and/or Outsourced Services based on the Provisional sum listed in Item 4. above. (Apply % to provisional sum in Item 4 above when pricing the tender)	%			
6	GM 2.15	ENVIRONMENTAL MANAGEMENT PLAN : The Contractor must compile a basic Environmental plan specific to the type of work that he will be performing at the Health Facilities as per C3.2	Item	1		
7	GM 2.15	OCCUPATIONAL HEALTH AND SAFETY ACT COMPLIANCE COST : The Contractor must comply to the project Health and Safety Specification specific to the type of work that he will be performing on site as per C3.6	Month	36		
8	Clause 83.1	INSURANCE : LIMITATION OF LIABILITY (Amounts applicable for whole Contract)				
8.1		Provision for General Contractor's Insurance (Minimum liability limit must be equal to R2,000 000) to cover requirements of Clause 83.1 in Contract Data	Month	36		
9	X13	PERFORMANCE BOND (Amounts applicable for whole Contract)				
9.1		Provision for a Performance bond of not less than 2,5% of the Tender Value	Month	36		

10	SS15	IN-SERVICE TRAINING OF GRADUATES AND INTERNS : Provisional Sum to pay the costs associated with employing nominated Interns and Graduates for the duration of the Contract				
10.1		Interns (1 person at R5000 per person per month)	Months	36	R 10,000.00	R 360,000.00
10.2		Graduates (1 person at R7000 per person per month)	Months	36	R 14,000.00	R 504,000.00
11	SS16	PROVISION OF ASSET APPLICABLE ACCREDITED TRAINING : Arranging of Accredited Asset Applicable Training for Operating and Maintenance Staff as per SS16	Psum	1	R 345,000.00	R 345,000.00
11.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amount above	%			R -
12	GM 6	PROVISION FOR SPECIAL TESTING BY SERVICE MANAGER : Lump sum provision for doing special tests at the Health Facilities as per the prerogative of the Service Manager	PSum	1	105,000.00	R 105,000.00
12.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amounts above	%			
13	GM 2.6	MAINTENANCE DOCUMENTATION SITE STORAGE CONSOLE: Provisional sum to supply and install O&M Manual, Log Books, and site Maintenance Records at each equipment type location as directed by the Service Manager	PSum	1	17,500.00	R 17,500.00
13.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amounts above	%			
TOTAL CARRIED FORWARD TO SUMMARY						R 5,331,500.00

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

DECLARATION (In respect of completeness of Tender)

Department of Health
Eastern Cape Department of Health
Global Life Centre
c/o R63 and Phalo Avenue
Bhisho

I/We, the undersigned, do hereby declare that these are the properly priced Schedules of Quantities forming Part C2.2 of this Contract Document which contains 23 pages numbered 1 to 23 and in consecutive order in Volume 3 and the number of pages in consecutive order in Volume 2 as stated on page 27 and page 28 thereof, upon which my/our tender for **TENDER NO. SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)**

has been based.

SIGNED ON BEHALF OF TENDERER:

DATE:

PART C3: SCOPE OF WORKS

C3.1: SCOPE OF WORKS

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

This specification is for the repair, maintenance and proper functioning of the listed autoclaves and sterilization equipment for the duration of the Contract period:

OR Tambo District

Item No.	Facility Name
1	Flagstaff CHC
2	Bambisana Hospital
3	Holy Cross Hospital
4	Qumbu CHC
5	Gura Clinic
6	Mbalisweni Clinic
7	Lotana Clinic
8	Lower Gungululu Clinic
9	Mhlakulo CHC
10	St Lucy's Hospital
11	Tombo CHC
12	Dr Malizo Mpehle Memorial Hospital
13	Isilimela Hospital
14	Port St Johns CHC
15	Mthatha Regional Hospital
16	Nelson Mandela Academic Hospital
17	Makhotyana CHC
18	Nkanga Clinic
19	Buntingville Clinic
20	Bedford Orthopaedic Hospital

Alfred Nzo District

Item No.	Facility Name
1	St Patrick's Hospital
2	Greenville Hospital
3	Mount Ayliff Hospital
4	Madzikane kaZulu Memorial Hospital
5	Khotsong TB Hospital
6	Tayler Bequest Hospital (Matatiele)
7	Meje CHC

Details

of the work required shall be as listed in the Price Lists which have been sub-divided into the following categories:

- SCHEDULE 1:** FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK
- SCHEDULE 2:** FUNCTIONAL REPAIR SCHEDULE
- SCHEDULE 3:** MAINTENANCE SERVICE SCHEDULE
- SCHEDULE 4:** TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION FOR THE WORKS

**ASSET REGISTER AUTOCLAVES AND STERILIZATION EQUIPMENT: CLUSTER 1
OR TAMBO DISTRICT**

Facility	Asset Description	Location	Capacity m ³	Make	Model	Serial Number
Flagstaff CHC	Ultrasonic Cleaner	Dental	No tag	kunyes	No tag	No tag
Flagstaff CHC	Portable/Table Top Sterilizer	Dental	No tag	Runyes®	SEA23	RF23B2110034
Flagstaff CHC	Portable Autoclave	Delivery room	0.024	Shinva	MOST-T	2022K013
Flagstaff CHC	Horizontal Industrial Autoclave	Casualty Ward, Treatment Room	0.024	SHINVA	MOST-T	2022K248
Bambisana Hospital	Horizontal Industrial Autoclave	Theatre CSSD	0.05	Butterworth	No tag	A11234
Bambisana Hospital	Portable/Tabletop Sterilizer	Theatre	No tag	Sturdy Industrial	SA-232X	No tag
Holy Cross Hospital	Sterilizer	CSSD	No tag	No tag	No tag	No tag
Holy Cross Hospital	Portable/Table Top Sterilizer	CSSD	No tag	No tag	No tag	No tag
Qumbu CHC	Portable/Table Top Sterilizer	Labour ward 1	No tag	Huxley	HL-340	50503016
Gura Clinic	Portable/Table Top Sterilizer	Maternity Ward	No tag	No tag	Not on tag	B0004272
Mbalisweni Clinic	Portable/Table Top Sterilizer	Nurse's home	No tag	No tag	Not on tag	B0004267
Lotana Clinic	Upright/Vertical Industrial Autoclave	Emergency Room	No tag	STURDY APEX GROUP	SA-260FA	1702122
Lower Gungululu Clinic	Desktop Sterilizer	ANC Room	No tag	No tag	No tag	No tag
Mhlakulo CHC	Desktop Sterilizer	No tag	No tag	Sturby	SA-260FA	
Mhlakulo CHC	Desktop Sterilizer	Dental	No tag	Gemmy	SA-232X	No tag
St Lucy's Hospital	Industrial Autoclave	Theatre	No tag	Butterworth	No tag	No tag
Tombo CHC	Horizontal Industrial Autoclave	Dental Care	No tag	Statim 2000	01-122304	100606L00006
Dr Malizo Mpehle Memorial Hospital	Horizontal Industrial Autoclave	Theatre	0.16	Sterilizer Technologies	No tag	A08965
Dr Malizo Mpehle Memorial Hospital	Horizontal Industrial Autoclave	CSSD WARD	0,16	Steritech	Not on tag	A0863
Isilimela Hospital	Horizontal Industrial Autoclave	CSSD	No tag	No tag	No tag	No tag

Isilimela Hospital	Horizontal Industrial Autoclave	CSSD	0.185	Anzy	J.H.D.180	ZY578
Port St Johns CHC	Portable/Table Top Sterilizer	Chronic	No tag	No tag	No tag	No tag
Port St Johns CHC	Portable/Table Top Sterilizer	Dental	No tag	Runyes	SEA23	RF23B2206073
Mthatha Regional Hospital	Autoclave	Theatre Store 1		Steridium	Micro Digital	N/A
Mthatha Regional Hospital	Autoclave	Theatre Store 2	No tag	No tag	No tag	A1722
Nelson Mandela Academic Hospital	Autoclave Chamber, Electric, No.4	CSSD WARD	0.4	Sterilizer Technologies	N/A	A2522
Nelson Mandela Academic Hospital	Autoclave Chamber, Steam, No.2	CSSD WARD	0.549	Sterilizer Technologies	N/A	A0564
Makhotyana CHC	Sterilizer	Dental Care	No tag	SciCan	01-122304	100607D00017
Makhotyana CHC	Autoclave	Dental Care	No tag	SciCan	C51W-D02	210507F00032
Nkanga Clinic	Autoclave	Emergency Room	No tag	STURDY	SA 260FA	15005399
Buntingville Clinic	Sterilizer	Labour Room	No tag	DRY OVEN	DHG-9030	142226
Berdford Orthopedic Hospital	Autoclave	Autoclave room	No tag	No tag	No tag	No tag
Zithulele Hospital	Autoclave	Theatre	0.25	Butterworth Production	No tag	A9969
St Barnabas Hospital	Autoclave	Theatre	0.4	Sterilizer Technologies	No tag	A1736
St Barnabas Hospital	Autoclave	Theatre	0.16	Sterilizer Technologies		A2429
Canzibe Hospital	Autoclave	Theatre	No tag	Sterilizer Technologies	No tag	A1436
Nessie Knight Hospital	Autoclave	Sterilizing room	No tag	No tag	No tag	No tag
Nessie Knight Hospital	Autoclave	Sterilizing room	No tag	No tag	No tag	No tag

ALFRED NZO

Facility	Asset Description	Location	Capacity m ³	Make	Model	Serial Number
St Patrick's Hospital	Horizontal Industrial Autoclave	Auto Claves room	0.16	Steritech	No tag	A0984
Greenville Hospital	Horizontal Industrial Autoclave	Autoclave room	0.16	Steritech	No tag	A 1310
Meje CHC	Industrial Autoclave	No tag	No tag	No tag	No tag	No tag
Mount Ayliff Hospital	Industrial Autoclave	No tag	No tag	No tag	No tag	No tag
Madzikane kaZulu Memorial Hospital	Industrial Autoclave	No tag	No tag	No tag	No tag	No tag
Madzikane kaZulu Memorial Hospital	Horizontal Industrial Autoclave	No tag	No tag	No tag	No tag	No tag
Madzikane kaZulu Memorial Hospital	Horizontal Industrial Autoclave	Theatres	No tag	No tag	No tag	No tag
St Patrick's Hospital	Horizontal Industrial Autoclave	Autoclaves Room	0.16	SterilizerTechnologies	No tag	A2714
Greenville Hospital	Horizontal Industrial Autoclave	Autoclaves	No tag	Butterworth	No tag	6097
Mount Ayliff Hospital	Portable/Table Top Sterilizer	Dental	No tag	No tag	No tag	No tag
None	Horizontal Industrial Autoclave	Sluice room	0.024	Shinva	MOST-T	2021F112
Khotsong TB Hospital	Upright/Vertical Industrial Autoclave	Male Ward	No tag	DEKO	Deko-190V	304183530
Khotsong TB Hospital	Upright/Vertical Industrial Autoclave	Male ward 2	No tag	No tag	Decko-190	304183524
Khotsong TB Hospital	Upright/Vertical Industrial Autoclave	Female ward	No tag	Decko	Decko190V	304183528
Khotsong TB Hospital	Upright/Vertical Industrial Autoclave	Sluice Block C	No tag	Decko	Decko190V	340183529
Tayler Bequest Hospital (Matatiele)	No tag	No tag	No tag	No tag	No tag	No tag
Tayler Bequest Hospital (Matatiele)	No tag	No tag	No tag	No tag	No tag	No tag
Tayler Bequest Hospital (Matatiele)	Upright/Vertical Industrial Autoclave	Autoclave room	No tag	Steritech	No tag	A0544
Sipetu Hospital	Vertical Industrial Autoclave	CSSD	0.16	Sterilizer Technologies	No tag	A2642
Sipetu Hospital	Desktop Autoclave/Sterilizer	Dental room	No tag	Runyes	No tag	No tag
Sipetu Hospital	Vertical Industrial Autoclave	CSSD	0.16	Sterilizer Technologies	No tag	A2643
Sipetu Hospital	Desktop Autoclave/Sterilizer	Dental	No tag	Runyes	No tag	No tag



PART C3.1a

EASTERN CAPE DEPARTMENT OF HEALTH

STANDARD

SPECIFICATION FOR THE

GENERAL MAINTENANCE AND REPAIRS

OF

AUTOCLAVES AND STERILIZATION

EQUIPMENT AT

VARIOUS HOSPITALS AND HEALTH FACILITIES IN

CLUSTER 1 (OR TAMBO AND ALFRED NZO DISTRICT)

OF THE EASTERN CAPE

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MEASUREMENT AND PAYMENT

STANDARD SPECIFICATION FOR THE GENERAL MAINTENANCE AND REPAIRS OF ELECTRICAL AND MECHANICAL INSTALLATIONS

GM 1 GENERAL

The successful Contractor will be responsible for, and is expected to, maintain all the plant and installations detailed in the Price List and the Inventory of Equipment attached to this Contract.

The intention of this comprehensive maintenance Contract is to assess the current autoclaves and sterilization equipment condition of each asset, repair what is needed, and maintain all equipment included as part of the Contract, in such a manner that, except for normal wear and tear, their condition don't deteriorate during the initial Service Period of 36 (thirty six) months. Instruction to proceed with any work related to this Contract shall be authorized by means of a Task Order from the Service Manager.

As skills transfer are an integral part of this Contract the Employer's Operating and Maintenance staff will be responsible for all operating and daily inspections on the equipment, unless otherwise specified in the relevant asset specific Supplementary Specification and/or Relevant Price List.

The Contractor is required to provide pricing for the following items in the Contract as expanded on in this specification for each asset type and equipment quantity as covered by this Tender:

1. Verify the Assets and update the Asset Inventory List that is provided with this Contract;
2. Compile a Preliminary Maintenance Control Plan (Annexure I) to determine what routine servicing should take place on each type of equipment covered by the Contract, and at what frequency the services should take place during the Contract Period if this does not correlate to the Price List service frequency proposed by the Service Manager. With reference to the Price List and C3.1b Supplementary Specification requirements, the Contractor must submit an all-inclusive price and quantity of, for each Service Activity required. Service Activities may include Operations, Minor Services, Major Services or Statutory Inspections as detailed in the Supplementary Specification related to this bid as well as the Price List.
3. Cost to do a full functionality test and condition assessment of all equipment and installations included in the Contract (after Contract award), and provide a priced key spare part price list for this equipment;
4. Cost to provide a detailed Functional Condition Assessment Report based on the findings from the functionality test and condition assessment process.

It is to be noted that the aim of the maintenance Contract is NOT to replace random components at the beginning of the Contract in anticipation of a possible breakdown during the Service Period. Only known defects shall be repaired once approved by the Service Manager. It is the Contractor's responsibility to decide if he/she wants to visit each site and familiarize themselves with the actual condition of each installation before submitting a Tender, or to rely on the information as contained in the Inventory of Equipment that is attached to this Contract.

Maintenance of an installation shall be performed in accordance with the autoclaves and sterilization equipment **Service Information** which will include:

- This Standard Specification for the General Maintenance and Repairs of Electrical and Mechanical Installations,
- The Technical Specifications that may be applicable,
- The Supplementary Specification for this Asset Type,
- The Operating and Maintenance Manuals (where applicable) for this Asset Type,
- Relevant Inspection Check sheets for this Asset Type,
- The Maintenance Control Plan per Health Facility,
- All relevant SANS Standards and Legislation that is referred to in the above listed documents, and
- All relevant drawings forming part of this Contract.

The main mechanical and electrical sections of a facility with their subsections asset out in the Service Information and in the Price List will each be deemed "an installation". Maintenance, as specified, will be applicable to all these installations.

All Contractors are to undergo an approximately three-hour long Contractor's induction process before being allowed to work at any of the sites. This induction shall cover the General Rules for Contractors on Site, the penalty system applicable to this Contract, as well as the minimum work quality standards for the work to be done on site.

Major equipment replacement, major upgrades and/or redesigned functionality will be handled outside of this Contract via a separate projects program, and are therefore not part of this Contract. The maintenance and repair work phase will run parallel to each other at the same time.

GM 2 MAINTENANCE REQUIREMENTS

- i The Contractor will adhere to the Task Order and when completed, contact the Service Manager for formal approval and signing off, of the Task Order. The Engineering Representative will assist the Service Manager in verifying completed work.
- ii The Contractor is expected to be fully aware of his obligations in so far as this Contract is concerned and he shall attend to the maintenance procedure within the time limits specified for each class of maintenance procedure.
- iii The completed Task Order will be returned to the Service Manager, who will forward it to the Call Centre to log the completed Task Order into the system. When the completed Task Order is logged into the system the job will be closed.
- iv When a maintenance procedure cannot be completed within the specified downtime the Contractor should apply in writing to the Service Manager for an extension of time with reasons for the delay. This application should be submitted as soon as the details of the maintenance procedure and availability of spare parts are known.

- v The Call Centre Manager will submit a weekly response performance report to the Service Manager, who will make a decision on the implementation of penalties which will depend on the nature of each breakdown, as well as valid claims on delays received from the Contractor. The recorded report date and time as well as the recorded completion date and time will be regarded as sufficient and final proof for the proper administration of this aspect of the Contract.

GM 2.2 SERVICE MANAGER

Eastern Cape Department of Health's agent will be appointed as **Service Manager** (Project Manager) to manage and administrate all work and financial aspects related to this particular bid. He/she will be supported on the ground by an Engineering Representative to verify workmanship and compliance of completed activities to Contract requirements. The Service Manager will be responsible for the following:

- i Perform duties as per the NEC3 Term Services Contract Standard Clauses;
 - 1. Ensure that either he/she, or the Facility Specific Site Representative, visit the Facility and compile reports on the status of the Facility infrastructure that forms part of this bid;
 - 2. Liaise with the Call Centre and check on call outs;
 - 3. Determine routine maintenance work to be done, and issue Task Orders for routine maintenance and repairs/refurbishment/upgrades (that was accepted by the Employer), to the relevant Contractor;
 - 4. Consult and co-ordinate with the Program Lead Consulting Engineer as needed on specific maintenance aspects, designs and specifications to be done;
 - 5. Assess the completed work for the assessment period, consider the payment applications lodged by the Contractor during this period, Certify the payment due, and issue a Payment Certificate for the accepted work as per the Standard Contract clauses;
 - 6. Monitor the logging of regular maintenance work done;
 - 7. Prepare reports on maintenance and repair work done;
 - 8. Liaise with the hospital Site Representative regarding all work to be done on this asset type at the facility;
 - 9. Liaise with management of the facility;
 - 10. Obtain approvals from the Employer where required for

GM 2.3 CONTRACTOR'S RESPONSIBILITIES

The Contractor shall maintain the complete installation as specified in the **Service Information** for the full Contract period subject to the agreed repairs and performance criteria.

Maintenance implies and shall include routine preventative maintenance on a schedule as approved by the Service Manager, corrective maintenance, as well as breakdown maintenance of all components of the specified installation.

The Contractor shall be responsible to perform all tasks as specified in this specification, subject to the requirements of the NEC3 Term Service Contract Standard Clauses. In addition, the Contractor must:

- (i) Record work done, performance indicators, defects identified and/or corrected, and spares used;
- (ii) Obtain work done sign-off on site as well as from the Engineering Representative;
- (iii) Submit completed Task Orders and invoices to the Service Manager;
- (iv) Attend scheduled project meetings with the Service Manager.

The Contractor shall, as part of his maintenance responsibilities repair or replace faulty equipment upon logging of a breakdown, within the down-time as defined in Paragraph GM 7, and against the Tendered rates as provided for in the Price List, and within the down-time as specified in the applicable Task Order. In the event of any repair item for which a rate is not available in the Price List, the rate as specified in the Task Order will apply.

GM 2.4 TASK ORDERS

All works required to be done by the Contractor will be instructed by issuing of a **Task Order** by the **Service Manager**. No Works shall be conducted without a Task Order.

The Call Centre may issue breakdown and defects correction/repair Task Orders to the Contractor at any time during the Service Period, but they must all be copied to the Service Manager. The time for the completion of the Breakdown Task Order will be as per the allowable response times in Table 1 in Section GM 7.

If the exact nature and possible cost of rectifying a breakdown is not known when the Breakdown Task Order is issued to the Contractor, the task order will be issued with provisional information and costs estimates. The Contractor shall respond to such a Breakdown Task Order by traveling to the site to evaluate the breakdown (scope of repair work), estimate the realistic cost as well as downtime and provide feedback to the Service Manager to form the basis of the revised Task Order.

Should the Contractor not be able to complete the Breakdown Task Order within the agreed and approved time for completion, it shall be the Contractor's responsibility to obtain an extension of time from the Call Centre Manager. The written report shall clearly state the reasons for requiring the extension, as well as the actual extension period required.

Should the actual time for completion of the Breakdown Task Order exceed the agreed time allowed, including any extension of time, the Contractor shall be liable for damages at the rate stated in the Task Order.

The Service Manager will issue Task Orders for the routine maintenance services, and approved repair/upgrade work once the Maintenance Control Plan has been approved and updated with the relevant information from the Repair Schedule as per GM 3.

Routine maintenance, approved repairs and breakdown repairs will all be done parallel to each other on the equipment as per the Maintenance Control Plan and Call Centre priorities.

GM 2.5 FUNCTIONAL CONDITION ASSESSMENT

Immediately after handing over of the site, and having attended the Contractor's Induction Training Session, the Contractor shall start with a **detailed functional test and condition assessment process** of the specified installation/equipment at each Health Facility and **submit a detailed report** to the Service Manager regarding the functionality, performance and condition of the equipment. It is this Contract's intention that this task be completed within **two weeks** of each site handover to the Contractor, but the Service Manager will arrange and agree specific deliverable dates for each Health Facility with the Contractor in this regard as part of the Contractor's Maintenance Control Plan.

The following work shall be carried out during the time allowed for the execution of the Functional Condition Assessment:

- **Verify the Asset Data** from the Asset Inventory List in C4.1, obtain the additional asset information that might be required for a specific piece of equipment, and update the Inventory of Mechanical and Electrical Equipment for each Health Facility with make and model numbers, capacities and general condition, year of manufacture (age), additional equipment to be added to the list, and equipment to be deleted from the list (i.e. equipment not on site anymore), etc., as per the fields provided in the format provided by the Service Manager after Contract award.
- **Prepare a clear A4 size line drawing** of the building/ward/room in which the plant is installed, typically as per one of the two examples below, and show positions of the equipment schematically on this drawing. Please provide basic information regarding the general condition of the room/facility/building where the asset is located (this will assist to provide information to the facility repair teams), next to, or below the line drawing; One line drawing per location per Health Facility must be provided and can be hand drawn, provided that the drawing is clear, neat and all info is readable. Where applicable the position of the equipment on the walls must be shown
- Record the number/name of each piece of equipment on the line drawing. If no name/number exists on the equipment itself, allocate a descriptive number (i.e. Washer) and mark this on the equipment with a black permanent marker pen. Reference shall be made to this ID number in the defects listed in the Repair Schedules for each item of equipment to identify the equipment accurately.
- **Verify what spare parts (if any) are available** on site for the equipment covered by the Contract, as well as the condition there-off;
- **Compile a Priced Spare Part List**, (based on the Contractor's cost price for the spares) for the relevant spare parts required for a repair of all the types of equipment listed in the Asset Inventory, and indicate on this list what spares should be kept in stock on site for use by the site maintenance staff. The Employer however retains the right to negotiate the offered spare part prices with like type spares prices solicited through the Tender process, if they are not in line with national price norms.
- **Inspect the condition and test the functionality** of all components of the installation to confirm the extent of the repair work required (if any). If the equipment is not in an operable state record

this and proceed with item 7 below;

- **Verify if the equipment meets current standard technical specifications** for the specific application (**for example: a split system air conditioner maybe functionally good and serviceable, but does not meet the criteria to operate inside an operating theatre or infection control area**). Advise on an alternative if applicable. Please consult the Facility Manager when doing the assessment to get information regarding any issues that they are experiencing with the equipment.
- **Verify the estimated remaining service life** for the equipment based on the equipment's age and current condition. If the equipment is old and in a badstate it might be more cost effective to replace the unit rather than rebuildingit. Please advise in this regard;
- Should it be impossible to determine the details of the defect withoutdismantling the machine/equipment item, the Contractor shall nevertheless prepare an estimate with a cost breakdown for repairs he/she anticipates willbe needed. After a written instruction has been received to repair the machine/equipment item, the final cost will be determined after the machine/equipment item has been dismantled for repairs. **Equipment shallnot be dismantled for inspections during the equipment functional condition assessment period.**
- **Compile a detailed Repair Schedule for each separate equipment unit(machine).** This Repair Schedule will consist out of a clear identification ofthe equipment unit, a detailed description of what is wrong with the equipment unit, a detailed repair or replacement method statement (and explanation onwhy it is recommended that the unit be replaced if applicable), and an accurate detailed quote, with estimated lead times and a high-level project plan to enable the work to proceed if the approval to do so is granted by theService Manager via a Task Order. (See GM 2.8 for the rates requirements)
- The Employer does not guarantee that any, or all, of the repairs/replacements recommended via the repair schedules, will be accepted for implementation by the Contractor. Accepted Repair Schedules will however become partof the Final Maintenance Control Plan once approved by the Employer, andwill then be included in the work scheduled for this Contract. Depending onthe cost and complexity, equipment replacement recommendations might be transferred to the Repair Project Work Stream of the Employer's Mechanical and Electrical Equipment Repair Programme.
- **Compare the identified defects of each item of equipment with the components already included under the standard minor and major services scopes** in the Contract Price List, and remove costing for these from the repair requirements. Include all identified defects into the Functional Condition Assessment Report, but only price the defects not covered by the standard servicing scope of works. (See GM 3.2 (3) for costing of the standard services)
- Where applicable, **obtain copies of Statutory Inspection and Test Reports** from the Health Facility (if available) and attach these to the Defects Inspection Report.
- **Submit the detailed Functional Condition Assessment Report** to the Services Manager who shall thereafter demarcate any areas to be repairedand forward this information to the Contractor. Once approval is granted, the Service Manager will instruct the Contractor about the repair work to be done.

GM 2.6 FUNCTIONAL CONDITION ASSESSMENT REPORT

A Functional Condition Assessment Report must be compiled for each Health Facility, and shallcontain the following:

1. The updated Asset Inventory List (both hard and electronic copies) completed in the Excel Format provided by the Service Manager after Contract Award;
2. Clear location identifiable layout line drawings of the equipment, with ID numbers and brief room/facility/building condition description as per GM 2.5 (2)

3. A list of spare parts, and their condition, that is currently available on site;
4. A priced spare part list of the typical spare parts that might be needed to do repairs on the equipment if it should breakdown or fail. The Contractor must also indicate on this spare part price list which consumable spare parts (i.e. fanbelts, filters, oil, fuses, light globes, etc.) that can be replaced by the site maintenance staff, should be kept in stock at the Health Facility;
5. A summary of the equipment per Health Facility indicating:
 - i Condition;
 - ii If the equipment meets current technical specifications;
 - iii Estimated remaining Service life before replacement will be due; and
 - iv Recommended work to be done (i.e. service only, minor repairs required, major repairs required, replacement or upgrade recommended).
6. A Repair Schedule for each repair that is required. This information will be used to populate the Task Orders for accepted repairs, or feed the Tender document information in case it is moved to the Project Work Stream;
7. A description of the defect for which repair work is not easily identifiable with an estimate of the final cost for repairs. This item will typically apply to breakdowns or defects where the machine or equipment must be de-commissioned and at least partially dismantled before the extent of the work can be fully established;
8. Compile a list of equipment for which a Statutory Inspection and Test is, or will become due during the Contract period. Copies of previous Inspection and Test Certificates to be attached to the report (if available).

Should the Contractor not be able to complete the Functional Condition Assessment Report within the period as specified GM 2.5, it shall be his responsibility to obtain extension of the Functional Condition Assessment period from the Service Manager. The written report shall clearly state the reasons for the extension, as well as the actual extension required. An extension of time shall only be considered by the Service Manager if the Engineering Representative believes the Contractor has carried out the already completed portion of the report with the due diligence and attention to detail.

Should the actual time for the completion of the report exceed the specified time for completion, including any extension granted, the Contractor shall be liable to a payment reduction for the difference between actual and approved completion periods. The value of the payment reduction for each health facility shall be as specified in Section X18 of the Secondary Options Clauses of the Contract.

After the repair phase work and costs have been accepted, the Contractor shall commence with the known and approved repair work only after site access for repair work has been approved and the Task Order issued. The Contractor shall complete the work within the period allowed for the repair work as specified in the applicable Task Order.

GM 2.7. OPERATING AND MAINTENANCE MANUALS

The Contractor shall, where specified, and as part of the repairs to each installation, compile and submit a comprehensive Operating and Maintenance Manual based on the Original Equipment Manufacturer's requirements. The Contractor shall ensure through training that the operating and maintenance personnel of the Health Facility are conversant with the instructions as presented in the Operating and Maintenance Manual, as per SS 8 and SS 9.

The Operating and Maintenance Manual, as accepted by the Service Manager, shall be used as a

basis for preventative maintenance. The Contractor shall perform all preventative and corrective maintenance as described in the Operating and Maintenance Manual. This shall be in accordance with the Standard and Supplementary Specifications.

The Operating and Maintenance manuals must be based on the updated Inventory of Equipment (C4.1) data after completion of the Functional Condition Assessment, and shall be updated with respect to Make, Model Number, Capacity and any other relevant data.

The Contractor must provide three (3) sets of each required Operating and Maintenance Manual as follows:

1. One set to be installed at a suitable position on a short chain, against a wall in the room/area where the equipment is located, or as otherwise instructed by the Service Manager for outside and spread out equipment;
2. Two sets to the Services Manager.

The Operating and Maintenance Manuals must be delivered as soon as possible after the Functional Condition Assessment Report has been completed. Also see Section GM 3.3 (15).

Where several of the same equipment is in the same room/area, only one set of three Operating and Maintenance Manuals is required. If the same equipment is spread out throughout the health facility the Contractor must install one Operating and Maintenance Manual near each one, or group of the equipment unless otherwise instructed by the Service Manager. This does not apply to equipment like split air conditioners, etc. for which only one set of three Operating and Maintenance Manuals per make and model will be required. The Service manager will instruct the Contractor where to install the chained Operating and Maintenance Manual for equipment like air conditioners. Contractor will be required to install several Document Consoles (storage and writing platform units) with sleeve anchors or bolts, into the walls at different locations of each Health Facility, to secure and store the chained manuals and maintenance logs. A Provisional sum will be included for this in the Price List.

GM 2.8. RATES

Scheduled work is all planned routine servicing of the equipment at the all-inclusive Contracted Rates contained in Schedule 3 of the Contract. Unscheduled work is all repairs, breakdowns, special maintenance activities, special tests and/or replacement tasks, that is ordered via a Task Order by the Service Manager, in addition to the scheduled work. Payment for this work will be based on the Contracted Rates from Schedule 4.

Where no rates exist in the Contract, the itemized breakdown shall be accompanied by documentary proof from the Supplier, Manufacturer, Engineering Works, etc., where materials were bought or services out-sourced from. The Employer however retains the right to verify and test these rates against the market.

The Contractor shall submit quotes for all Unscheduled work with an itemized breakdown of the total cost involved for acceptance by the Service Manager, in a quotation as detailed below:

GM 2.8.1 MATERIALS AND OUTSOURCED SERVICES

Unscheduled: List all items with quantities and rates as per quotations or price lists obtained from suppliers or service providers (proven reasonable cost), and attach a copy of the quotation/price list to the quotation. Apply the Direct Fee Percentage (Mark-up %) to all proven reasonable material costs and outsourced services.

Direct Fee % (Mark-up %): Mark up percentage on proven cost to cover P's & G's, overheads, profit, etc. as per Schedule 4 based on NEC3 TSC Contract Data.

Scheduled: All materials required for Scheduled Servicing are included into the pricing for the Service as per Schedule 3.

GM 2.8.2 LABOUR

Unscheduled: List time required for travelling to and back from site (subject to conditions contained in GM 2.8.3 below), actual repair and/or replacement, testing and commissioning time of all unscheduled items at the applicable labour rates as stated in Schedule 4. No Direct Fee % will be applicable to Contracted labour rates.

Scheduled: Cost is included in Service costs as per Schedule 3.

GM 2.8.3 TRANSPORT AND ACCOMMODATION

Unscheduled:

Traveling and Accommodation claims will be subject to the condition contained in GM 2.8.4 below. Travelling cost will be as per the rates for reimbursable expenses published monthly by the National Department of Public Works applicable at the time of rendering the service/repair. Allow for the actual distance travelled (and specify the reason for the traveling). All travel time and disbursements need to be supported by a Google Maps route planner printout for proof of travelling distance and time. Kilometre claims can be claimed from point of departure to destination and back, but must be linked to the indicated kilometres as per the Google Map attached and referenced to. The Contractor must submit proof of registration to verify the engine cubic capacity of the vehicle, in respect of any vehicle to be claimed for. Allow for the actual accommodation and disbursements (and specify the reason for the accommodation requirement) at the rates as per Schedule 4. **Trips must be combined with Scheduled Servicing trips where possible, to minimize additional expenditure. Trips will be in accordance with the approved Maintenance Control Plan.**

GM 2.8.4 The Employer requires that the Contractor be based in a location inside the Cluster or District Area that the Contract is awarded for. The home base (departure point) must therefore be located inside the Cluster Area. If the Contractor does not have a home base in the Cluster Area, the traveling rates (for both distance and labour) will be calculated based on a location inside the Cluster which will typically be the largest Town or City located inside the Cluster or District, as may be applicable as instructed by the Service Manager.

GM 2.8.5 PROVISIONAL SUMS

It is the Employer's sole discretion to decide on spending any, all or none of the Provisional Amounts listed in the different Price List Schedules of this Contract.

GM 2.9 REPAIR WORK

GM 2.9.1 Definitions

Defect

For this maintenance Contract, a defect shall mean a deficiency in any component of an installation which impairs the functionality of that component or equipment. Worn parts of a component which do not impair the functionality and/or performance of the component will not be regarded as a defect.

Defects may be classified in the following three groups:

Type A defect

Those deficiencies which can be rectified by proper maintenance only, i.e. set parameters of a control system, proper lubrication, balancing, alignment, set pressures on safety valves, cleaning and de-

staining, etc.

2. **Type B defect**

Those deficiencies which can only be rectified by replacing parts of, or the complete component as in the case of a breakdown or where a certain amount of upgrading is necessary such as the provision of anti-vibration mountings, removal of rust and re-painting, etc.

3. **Type C defect**

Those deficiencies which are visible but which do not impair on the functionality of the installation or system yet, such as structural cracks in parts of a component, rust, bad workmanship during a previous Contract, etc.

Components in which abnormal noise and/or vibration is present shall be serviced in accordance with the Manufacturer's recommendations and if the noise and/or vibration persists, the deficiency will be classified as a defect.

Repairs

Repairs of an installation shall mean the elimination of the deficiencies classified as types B and C defects in Paragraph (1.) above.

The specific repair phase commences as indicated on the Task Order issued by the Service Manager for each approved repair. The repairs must be completed within the period as determined by the Task Completion Date as stated in the Task Order. Delay damages for late completion will be applicable as indicated on the Task Order.

Depending on the nature of the work and availability of funds access may be given at any time during the Service Period and not necessarily directly after site hand-over.

A representative of the user department or person in charge of the plant, system or building shall endorse the schedule after completion of the maintenance or servicing procedure to the effect that the maintenance or service is, to his opinion, completed satisfactorily and shall countersign the service schedule. Where necessary the Site Representative will inspect the work done and report his findings to the Service Manager.

GM 2.9.2 Scope of Repair Work

The repair work shall be completed within the time allowed for repairs for each installation as defined in the applicable Task Order. If the work is to be carried over two or more financial year's the work will be segmented and prioritized according to the Final Maintenance Plan. The Contractor will be informed of the work to be completed within each financial year. **The starting date for repair work for the current financial year will be the date of acceptance of the measured Price List from the Functional Condition Assessment Report.** The starting dates for subsequent years will be on 1 April of that particular year.

All repair work shall be executed using resources (labour, equipment materials and spare parts) that comply with the requirements of GM 2.11.

The said repair work shall be executed in accordance with the relevant codes of practice, standards, regulations, municipal laws and by-laws, manufacturers' specifications and codes of practice included in this specification.

GM 2.10 MAINTENANCE WORK

Maintenance work commences with the acceptance of the Tender bid and expires at the end of the Service Period. As compensation, the Contractor is paid the **remeasured** Contracted quantities, distributed in agreed intervals and amounts over the Service Period as per the Final Maintenance Control Plan, at the rate Contracted for the applicable maintenance work, subject to the requirements of GM 8.

GM 2.10.1 ROUTINE PREVENTATIVE MAINTENANCE

This entails the rendering of services and servicing of equipment according to a predetermined Maintenance Control Plan to:

- Repair, lubricate, clean and service components of equipment, units or parts thereof for each installation at pre-scheduled intervals regardless of condition;
- Re-adjust, reset, clean, balance, corrosion protect all components of equipment, units or parts thereof for each installation, and
- Carry out all necessary and implied actions to maintain installations in a functional condition (i.e. replace or clean filters, replace or top up fluids, etc.)

Preventative maintenance shall be aimed at prevention or at least minimization of breakdowns.

GM 2.10.2 CORRECTIVE MAINTENANCE

This entails regular observation of the equipment, identifying impending breakdowns, maladjustment or anomalies of equipment, units or parts of installations and subsequent action to restore installations to a fully functional condition before a breakdown occurs.

The Maintenance Procedures for Corrective Maintenance shall be compiled by the Contractor and is included in the Maintenance Control Plan for each system or plant. Inspection items shall include, inter alia, the following:

Checking for:

- Unusual noise and vibration;
- Abnormal surface temperature of machines such as electric motors;
- High temperatures of equipment and wiring inside switchboards;
- Incorrect settings or operation of safety devices;
- Alarm conditions of any instrument or control panel;
- Gas or fluid leaks from the equipment or associated piping systems.

The frequency of corrective maintenance shall be determined by the Contractor himself in line with the recommendations from the Operating and Maintenance Manuals, and actual operational environment where the equipment is operating. This may vary from once every day for high-risk, sensitive installations to once a month for low-risk installations such as exhaust fans and office air conditioners. The frequency of corrective maintenance must be accepted by the Service Manager in the Maintenance Control Plan.

GM 2.10.3 BREAKDOWN MAINTENANCE

This entails repair and/or replacement of defective equipment, units or parts of installations following a breakdown that leaves the installation inoperable or unsafe, and subsequent action to restore the installation to their normal functional condition, within the maximum down-time allowed.

Breakdown repairs will be controlled via the Call Centre and approved Breakdown Repair Task Order process as per GM 2.1. A provisional amount will be included in the Contract Price List Schedules to cover Break Down Task Order expenditure.

GM 2.10.4 COMMENCEMENT OF SERVICE PERIOD

The Contractor shall accept full maintenance responsibilities for each installation from the date on which the site has been handed over to the Contractor. **An annual maintenance service shall be carried out on all installations during the period in which the Defects Inspection Report is compiled, or as soon as possible thereafter.** If the current statutory compliance of a qualifying asset cannot be verified with the correct documentation of proof, a statutory inspection must be performed immediately after the first annual service has been completed.

For equipment or installations where the complete installation is shut down for the repair phase, no maintenance services will be required during the repair period.

GM 2.11 SUPPLY OF LABOUR, EQUIPMENT AND MATERIAL

1. Labour

Only competent, qualified personnel shall be allowed to execute all maintenance work.

2. Equipment

All tools, equipment and consumables required for performing maintenance work shall be supplied by the Contractor at his own cost (except where otherwise agreed to in writing and provided by the Employer). The Contractor may use already installed Employer equipment such as crawl beams and crawls, etc. provided that they obtain written approval from the site Maintenance/Technical Manager to do so. Such site approval will be based on the serviceability of the equipment, and upon confirmation of the Contractor's competency compliance in being able to use and operate this equipment during maintenance.

3. Materials and Parts

All materials, spare parts, components, equipment and appurtenances necessary for the complete maintenance of each installation shall be supplied and installed by the Contractor **at the rates and quantities as instructed by the Service Manager**, after the Functional Condition Assessment Report as specified in GM 2.5 has been accepted.

Only original parts as specified by the Original Equipment Manufacturer may be used for replacement purposes. Generic or alternative parts will only be allowed if they comply fully with all the specifications of the original parts, but may only be used upon written acceptance by the Service Manager.

Substitute electronic components will be acceptable, **PROVIDED** that they are equal to, and

of the same quality as, or superior to, the original components and are accepted, in writing, by the Service Manager.

All parts, spares and materials which are used, shall conform to the applicable SANS Specifications and shall, where possible, carry the SANS mark of approval.

Substitute parts, as well as the serial numbers (where available) of the original and new components, shall be entered on the service sheets and in the maintenance/repair log-book.

The Contractor shall obtain, and cede any supplier's or factory guarantee of repaired or replaced components to the Employer. All workmanship, new equipment, materials, components, systems, etc. used for servicing and repairs shall be guaranteed for 12 months unless otherwise agreed to in writing with the Service Manager. The guarantee cards for repaired or replaced components or equipment shall also be attached to service sheets and the maintenance/repair log-book. New equipment and system installations will in addition to the above requirements also have a twelve (12) month defects liability period, valid from the date of successful commissioning and hand over to the Employer as acceptance by the Service Manager.

All scrapped and/or removed parts and equipment that might be installed elsewhere, or that will not be returned to service again, must remain on site after removal or disassembly of the equipment as they remain the property of the Employer. The Maintenance/Technical Manager of the facility will indicate to the Contractor where to place these items after removal. Removal of any parts and/or equipment for whatever reason from site, may only occur with the written approval to do so by the Maintenance/Technical Manager subject to the rules and regulations that the Employer has in this regard.

GM 2.12 SITE MAINTENANCE RECORD KEEPING

The Contractor shall provide and maintain hard-cover A4 size maintenance files for each installation for the duration of the Service Period. Copies of all schedules, checklists, breakdown reports, preventative maintenance records, component replacement records, service sheets, etc. shall be filed in these.

An A4 size register book shall be kept for all work performed on the equipment, to state the service technician's name, surname, date of work performed, and a short description of the work performed. This book must be installed on a short chain next to the relevant Operating and Maintenance Manual as per GM 2.7.

Copies of the site maintenance records and all service sheets, shall be submitted to the Service Manager at each monthly meeting, while copies of the service sheets must also accompany all claims and invoices.

Statutory Logbooks must be supplied and maintained on site for all statutory equipment such as pressure vessels, boilers and lifts.

GM 2.13 SERVICE SHEETS

Every service, repair, test, inspection, etc. related to the maintenance portion of the Contract, shall be fully described on a service sheet which must be completed and signed by the Contractor and attached to the Task Order when it is returned to the Service Manager. The following minimum information shall appear on service sheets:

- The company name and address;
- A unique work sheet serial number;
- The corresponding Task Order unique number;
- The district and health facility names;
- The building/area name or alternatively the building/area code;
- The plant identity code and description;
- The nature of the call, i.e. P1, P2, P3 or P4 (see GM 7);
- A general description of the problem or purpose of the work to be done, alternatively the complaint as received by the Call Centre;
- A statement as to whether the individual system is operational or not in terms of the specification;
- Should the system not be operational (in case of a breakdown) the response time and repair time shall be recorded individually and details of a preliminary service sheet shall be forwarded to the Call Centre Manager;
- The description of the repairs/replacements carried out on each machine/equipment item on that specific system;
- A list of materials used for each machine/component. Where scheduled items are used, only the description can be listed. For non-scheduled items, a copy of the quotation must be attached to the service sheet;
- A detailed report on the extent of the work done together with the total cost involved;
- Suggestions to avoid similar future problems;
- A list of the Contractor's personnel responsible for the work with the date, starting time, completion time, distance travelled, and any accommodation and S&T costs;
- Signature and name of the responsible Employer site technician/artisan/engineer and the Site Representative, confirming the work was completed to the required quality and performance standards, and that the equipment is operational again;
- Signature and telephone number of the User of the equipment or the person who initiated a call or Task Order (if it was a defect, or breakdown).

Service sheets shall also be used for normal routine maintenance services and other non-maintenance activities such as training of the health facility's operating and maintenance personnel and administration duties of heads of firms when managing the Contract.

The Service sheets shall be completed in three categories as follows:

1. **For repairs on machines:** The same data as above must be captured with one service sheet to be completed for each repair (See below for grouping of like type equipment for servicing).
2. **For normal maintenance on an installation:** The same data as above must be captured with one service sheet to be completed for each service (See below for grouping of like type equipment for servicing).
3. **For Administration and Training:** In this case only the name of the Head of the Company is required on the service sheet with no other reference to Building- or Plant codes or machine ID numbers. A full description of the service provided must be included.

Copies of the completed Service Sheet and Task Orders must be attached to all invoices and shall be submitted to the Service Manager for discussions and acceptance.

An example of the Service Sheet is attached to the Contract Documentation as C7.

The standard requirement for normal services carried out on a specific plant is to complete one service sheet for all the equipment within any one building. This standard requirement applies to installations where all such machines can be serviced within a period of approximately five working days, but all equipment serviced must be listed on the service sheet.

For larger installations where the time required for a maintenance service is more than five working days, the machines may be grouped together to form several groups within the building with the provision that each group can be serviced within a period of approximately five working days. One service sheet shall be completed for each group in a building, but all equipment included in the group must be listed on the service sheet.

For smaller installations where the complete installation inside a building can be serviced in less than one working day, the installations in more than one building may be grouped together, but all the equipment covered by the service sheet must be listed.

The definition of the groups must be determined by the Contractor and clearly specified in the Maintenance Control Plan for acceptance by the Service Manager.

GM 2.14 VOLTAGE SURGES DUE TO LIGHTING AND OTHER CAUSES

The area in which most of the sites are situated is known for heavy lightning storms. Damage caused by voltage surges due to lightning, phase imbalance, low and high voltages, power failures, etc. will be dealt with in the same manner as any other breakdown. Contractors are advised to investigate available surge protection systems, if any, on each plant during the Functional Condition Assessment stage, and to decide for themselves whether additional protection will be required or not.

The provision of additional surge protection systems shall form part of the repair activities, if accepted by the Service Manager, and the cost thereof must be allowed for in the Functional Condition Assessment Report.

Contractors may as an alternative provide and install one or more Universal Disturbance

Analysers to record any voltage surges at their own cost. Breakdowns caused by voltage surges which can be proved beyond any doubt will be dealt with in the same manner as operational damage and other normal breakdowns.

GM 2.15 SHEQ: SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY

The Contractor must comply with all the Safety, Health, Environmental and Quality requirements as per C3.2 and GM 3.1, and must provide pricing to cover all the applicable requirements under this specification. The Contractor must take note of any specific Safety, Health and/or Environmental risks that might be highlighted in section SS 13.

GM 3 MAINTENANCE CONTROL PLAN

The Contractor is responsible to compile a detailed Preliminary Maintenance Control Plan (Annexure I) as per GM 3.2 which he need to submit with his Tender Bid. This plan must contain the details of what maintenance will be done (itemized), how often, what resources will be involved, what spares and consumables will be used, how long it will take to perform the work, and the cost breakdown per service for a specific Asset Type. The Service Manager gave service interval recommendations in Schedule 3, but the Contractor can recommend alternative intervals for consideration and approval by the Service Manager.

After Contract Award the Contractor will be required to expand the Preliminary Maintenance Control Plan to a Health Facility specific plan for each asset type with the assistance of the Service Manager.

GM 3.1 WORK QUALITY

Maintenance quality control shall be the responsibility of the Contractor who shall introduce a Maintenance Control Plan to assist him in ensuring that all preventative, corrective and breakdown maintenance is performed as described in the Service Information. The Contractor will be responsible to correct any sub-standard work that is discovered after the Contractor has done his work. The rework will be for the Contractor's own account and must be signed off by the Site Representative after completion.

If the Contractor fails to remedy any sub-standard work within the time frame stipulated by the Service Manager, the Service Manager may at his/her discretion appoint another Contractor to execute the repair work. In this case, the replacement Contractor will be paid with the funds that were earmarked for the first Contractor to do the work, and the first Contractor will not be paid for that specific work.

GM 3.2 PRELIMINARY MAINTENANCE CONTROL PLAN

A preliminary version of the Maintenance Control Plan, based on the Asset Inventory Data, must be submitted with the Contractor's Tender bid. This plan is a high-level plan on what maintenance tasks the Contractor will be performing on all the equipment across all Health Facilities covered by the Contract and must be completed on the forms of Annexure I. The information from the Preliminary Maintenance Control Plan will be expanded into that of the final Maintenance Control Plan as specified in Section GM 3.3 below. Details contained in this preliminary Maintenance Control Plan shall include:

1. A Maintenance Schedule containing all the different tasks that will be performed on all the equipment covered by this Contract, and captured on the **Preliminary Annual Equipment Maintenance Schedule** Form contained in Annexure I.
2. A brief Capacity Statement where the Contractor describes his company's capacity and experience that will be applicable to this Contract. This must include a description and location of his home base (workshop/home/bakkebased, number of staff with qualifications and experience, what staff and/or Sub-Contractors will be used to support on the Contract, available tools and/or specialized equipment, transport capacity and where staff will be based, as well as capacity/ability to repair defective equipment (i.e. overhauling a pump or compressor);
3. A detailed **Maintenance Task Planning Sheet** (See Annexure I) for each of the Minor, Major, and other, service activities priced in the Price List. This Maintenance Task Planning Sheet will describe the pricing and details of scheduled maintenance activities to be performed during services conducted as per the recommendations of the **Preliminary Annual Equipment Maintenance Schedule**, and will also be used to populate the respective Task Order. These prices must be all inclusive and must include all labour, service parts, lubricants and consumables, special equipment (if required), accommodation (if applicable) and any travelling and subsistence costs, etc. that might be applicable to do the service. The service price must indicate clearly if more than one piece of equipment will be combined for servicing during a single trip to avoid double payment for Travel and Subsistence related payments by the Employer.
4. The service methodology;
5. Preliminary grouping of equipment for maintenance purposes as per GM 2.13 (if applicable);
6. A breakdown of which sub-Contractors will be used (as per T2.2c), and for what activities, by the Contractor in rendering the services required by this Contract **Sub-Contractors must also be registered on the Treasury Central Supplier Database;**

GM 3.3 MAINTENANCE CONTROL PLAN

One Maintenance Control Plan must be compiled for each Health Facility covered by the Contract. The Maintenance Control Plan shall be based on the Contractor's Preliminary Maintenance Control Plan information, and updated with the findings and data from the Functional Condition Assessment process. The Maintenance Control Plan shall be bound in a neat, A4 sized, ring bound document with a cover page and back cover and an original copy

presented to the Service Manager. The contents of the document shall be indexed.

The Maintenance Control Plan will become the main plan for all work to be done under this Contract, as per the Main Contract Clauses, after the Contract has been awarded.

When the documents are compiled, the Contractor may reproduce relevant paragraphs from any of the specifications forming part of the Contract documents, or Operating and Maintenance Manuals, but should there be any discrepancies between such paragraphs and paragraphs in the Maintenance Control Plan and those in the Contract documents, those in the Contract documents shall be regarded as being correct and shall apply.

The Maintenance Control Plan shall also contain the following in addition to the items listed in Section GM 3.2:

1. Detailed Maintenance Schedule per equipment type, per Health Facility on the **Annual Equipment Maintenance Schedule Asset Specific Form**;
2. Remeasured service quantities for the routine services of Schedule 3 in the Price List, based on actual equipment condition and the ability to perform a service on them or not in their current condition. **The Contractual payments will be based on these remeasured quantities, accepted by the Service Manager, and not on the original Tendered quantities which might have been based on incorrect information at the time;**
3. A risk register containing all the foreseen risks that can have an impact on the cost and/or deliverables of this Contract as per the NEC3 Term Service Contract Standard Contract Clauses numbers 11.2(14), 16.1, and 16.4;
4. A summary of the repair and maintenance work to be carried out in terms of the Contract giving details of the conditions of the various installations at the facility affected by the activities under the Contract.
5. Details of how the Contractor intends to carry out the various types of maintenance work especially breakdown maintenance should breakdowns occur.
6. Details of the procedures agreed upon between the Service Manager and the Contractor on how breakdown calls will be handled (Call Centre process).
7. A list of organisations and persons directly involved with the Contract or whose requirements must be considered during the entire Service Period. Each person's position within his organisation as well as the applicable phone numbers shall be given. (See T2.2c)
8. Details of monthly meetings (dates, times and venues) to be held between the Contractor, Employer Representative and Site Representative.
9. Service Sheets and Reports to be submitted after every routine inspection (a copy of all reports, checklists, breakdown records, etc. for each system of an installation shall be kept on the site in a hardcover file);
10. A priced spare parts list for relevant spares that might be required for repairs and/or breakdowns for each equipment type. The Employer retains the right to negotiate the listed prices based on price comparisons with like type spares prices solicited through the Tender process;
11. A recommended spares list for items that should be held in stock at the facility;
12. Copies of the Repair Schedules from the Functional Condition Assessment process that has been

approved to proceed;

13. An updated Cost Forecast of the estimated final total of the Prices for the whole of the services in consultation with the Service Manager at intervals as stated in the Contract Data Clause 20.5;
14. Procedures to address complaints and logged breakdowns.
15. Details of reports in electronic format, summarizing all inspections, together with inspection data such as nature of test, names of persons carrying out tests and inspection results. Detail of repairs and replacements, together with testing of repaired equipment shall also be reflected in this report, and shall be obtained from the service sheets.
16. Assistance to be given to the Service Manager and Engineering Representative with decisions regarding material, equipment and other recommendations.
17. An updated list of the inventory of equipment complete with the ID number (if available), make and model number, serial number, year of manufacture/age and capacity.
18. The Maintenance Control Plan shall be upgraded when its contents are no longer representative of actual conditions.
19. The Contractor shall check the contents of existing Operating and Maintenance Manuals (if available) and shall update or modify them and then incorporate applicable data into his own manuals. Where no manuals exist, the Contractor shall draw up his own Operating and Maintenance Manuals based on the OEM Operating and Maintenance manuals as per the requirements of GM 2.7.
20. The way maintenance data as recorded on service sheets will be captured and processed for submission to the Services Manager, for invoicing, and as part of the maintenance report.

Pertinent data contained in the Operating and Maintenance Manuals may be transferred to the Maintenance Control Plan to make it a document which can be used as an independent handbook for maintenance work in future.

GM4 COMMUNICATION

The Maintenance Control Plan (Paragraph GM 3.3) will provide, after agreement between the Contractor and the Service Manager, with the assistance of the Site Representative, for the following communication procedure to be implemented:

1. The Contractor shall establish a telephone and fax line and a cellular telephone connection to ensure that he can be reached at any time.
2. Should the Service Manager determine or suspect that preventative, corrective or breakdown maintenance is required, a call shall be logged through any communication channel available to reach the Contractor as soon as possible. This will be followed up with a Task Order.
3. Maximum down times will be as described in Paragraph GM 7.
4. All breakdown calls from the Health Facility will be reported to the Call Centre who will follow the procedure as detailed in Section GM 2.1.

GM 5 PERFORMANCE MEASUREMENT

The Contractor's performance shall be measured against the criteria specified in Section X20 of the Secondary Options Clauses of the Contract and C1.2b Annexure CD.

Poor performance by the Contractor will lead to penalties being imposed by the Service Manager as per X17 and C1.2b Annexure CD and can lead to early termination of the Contract.

GM 6 SPECIAL TESTING OF AN INSTALLATION

An amount has been allowed in the Price List to cover the cost of additional tests that the Service Manager may request at his own discretion from time to time on the equipment and installations covered by this Contract. The Service Manager will have the sole authority to spend the amount or part thereof under sub-paragraph.

The Service Manager reserves the right to select, at random, component equipment and trade practices to be tested by the Contractor or independent authorities for compliance with specifications as specified in this Contract document.

The Contractor shall provide all equipment, tools and instruments required for such testing.

The Service Manager shall upon completion of the tests or inspections issue an inspection report including any corrective actions (if any) to be taken by the Contractor.

The Contracted markup percentage will be paid to the Contractor on the value of each payment made to the approved testing authority if any special testing is ordered by the Service Manager.

GM 7 MAXIMUM MAINTENANCE DOWN-TIME

After a breakdown, defect or complaint has been logged the Contractor will be expected to remedy the defect in the system/component with as little delay as possible, notwithstanding the maximum down-time allowed and listed in the following paragraphs or as stipulated in the Task Order. **Should the Contractor not respond within the maximum down-time, the Service Manager may arrange, at the cost of the Contractor, for the necessary repair work to be done by others.**

The Contractor shall respond to a breakdown registration by traveling to the site to evaluate the breakdown (scope of repair work), estimate the realistic cost as well as downtime and provide feedback to the Service Manager and Site Representative to form the basis of a Task Order.

Should the Contractor not be able to complete the required repair work within the maximum down-time period allowed, it shall be his responsibility to obtain extension of down-time from the Service Manager. The written report shall clearly state the reasons for the extension, as well as the actual extension required.

Extension of down-time will only be granted by the Service Manager if:

1. The maximum down-time is unreasonable in relation to the scope of the repair work required.
2. The delivery time of a new component/subassembly/machine or spares required for the repair of the defective component/subassembly does not enable the Contractor to successfully complete the repair work within the maximum breakdown down-time allowed.

Should the actual down-time exceed the maximum down-time, the Contractor shall be penalized as per X17 and C1.2b Annexure CD.

PRIORITY	DESCRIPTION	RESPONSE
P1	Emergency (LifeThreatening)	Immediate response from the time of logging a call and the emergency to be resolved (at least temporarily) within 8 hours
P2	Urgent	Immediate response from the time of logging a call and to be resolved within 12 hours
P3	Planned Maintenance Repairs	Scheduled Maintenance is to be scheduled and performed within 3 business days of the scheduled date
P4	Emergency Facility Repairs	7 Days planning and execution subject to supply chain regulations

Table 1: Maximum allowable response times

"Maximum downtime" shall mean the period of time allowed to repair a breakdown, and "actual down-time" shall mean the measured period from the instant when the breakdown was reported or located until the installation has been repaired to its functional specification.

A guideline classification for typical P1, P2, P3 and P4 breakdowns for each installation are specified in the Supplementary Specification for each asset type.

The job card (Task Order) issued for the repair will state whether the repair is regarded as P1,P2, P3 or P4 and it will be required of the Contractor to react accordingly.

GM 8 MEASUREMENT AND PAYMENT

Measurement and payment will be done as per the Secondary Options Clauses of the Contract. See X1, X13, X17, X18, X19 and X20, supplemented by C1.2b Annexure CD

C3.6: HEALTH AND SAFETY SPECIFICATION

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES AND STERILIZATION EQUIPMENT IN CLUSTER 1 – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

Occupational Health and Safety Specification

Issued in terms of the Occupational Health and Safety Act, 1993 Construction regulations 2014

PROJECT NAME	SCHEDULED MAINTENANCE OF SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)
LOCATIONS	1. Flagstaff CHC 2. Bambisana Hospital 3. Holy Cross Hospital 4. Qumbu CHC 5. Gura Clinic 6. Mbalisweni Clinic 7. Lotana Clinic 8. Lower Gungululu Clinic 9. Mhlakulo CHC 10. St Lucy's Hospital 11. Tombo CHC 12. Dr Malizo Mpehle Memorial Hospital 13. Isilimela Hospital 14. Port St Johns CHC 15. Mthatha General Hospital 16. Nelson Mandela Academic Hospital 17. Makhotyana CHC 18. Nkanga Clinic 19. Buntingville Clinic 20. St Patrick's Hospital 21. Greenville Hospital 22. Meje CHC 23. Mount Ayliff Hospital 24. Madzikane kaZulu Memorial Hospital 25. Khotsong TB Hospital 26. Tayler Bequest Hospital (Matatiele) 27. Bedford Hospital 28. Zithulele Hospital 29. St Barnabas Hospital 30. Canzibe Hospital 31. Nessie Knight Hospital 32. Sipetu Hospital
DISTRICT	CLUSTER ONE (1) – ALFRED NZO AND O. R. TAMBO DISTRICT
BID NO	SCMU3-26/26-0142-HO

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1 SCOPE

This health and safety specification in respect to the services for Cluster One (1) – ALFRED NZO AND O. R. TAMBO DISTRICTS. This specification is for the repair and fixed term maintenance of autoclaves & sterilization equipment installation at various District Hospitals, Community healthcare facilities and various clinics within the O. R. TAMBO & ALFRED NZO DISTRICT.

The facilities that will require maintenance of autoclaves and sterilization equipment are listed below:

1.	Flagstaff CHC
2.	Bambisana Hospital
3.	Holy Cross Hospital
4.	Qumbu CHC
5.	Gura Clinic
6.	Mbalisweni Clinic
7.	Lotana Clinic
8.	Lower Gungululu Clinic
9.	Mhlakulo CHC
10.	St Lucy's Hospital
11.	Tombo CHC
12.	Dr Malizo Mpehle Memorial Hospital
13.	Isilimela Hospital
14.	Port St Johns CHC
15.	Mthatha General Hospital
16.	Nelson Mandela Academic Hospital
17.	Makhotyana CHC
18.	Nkanga Clinic
19.	Buntingville Clinic
20.	St Patrick's Hospital
21.	Greenville Hospital
22.	Mount Ayliff Hospital
23.	Madzikane kaZulu Memorial Hospital
24.	Khotsong TB Hospital
25.	Tayler Bequest Hospital (Matatiele)
26.	Bedford Hospital

27.	Zithulele Hospital
28.	St Barnabas Hospital
29.	Canzibe Hospital
30.	Nessie Knight Hospital
31.	Sipetu Hospital

1.1 This specification is for the repair and fixed term maintenance of autoclaves and sterilization equipment installations at various hospitals and health facilities listed in table above of the CLUSTER ONE (1) – ALFRED NZO AND O. R. TAMBO DISTRICTS.

- a) Autoclave
- b) Autoclave Chamber, Electric
- c) Autoclave Chamber, Steam
- d) Desktop Sterilizer
- e) Horizontal Industrial Autoclave
- f) Industrial Autoclave
- g) Portable Autoclave
- h) Portable/Table Top Sterilizer
- i) Sterilizer
- j) Ultrasonic Cleaner
- k) Upright/Vertical Industrial Autoclave

The scope provides the overarching framework within which the Principal Contractor is required to demonstrate compliance with certain requirements for occupational health and safety established by the Occupational Health and Safety Act 85 of 1993 during construction work;

- o Establishes the way the Principal Contractor is to manage the risk of health and safety incidents during construction; and
- o Establishes the way the Client or Clients Agent will interact with The Principal Contractor.

This specification establishes general requirements to enable the Principal Contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Construction Regulations, 2014. The Principal Contractor is required to develop, implement and maintain a site-specific health and safety plan. The Client is required to provide certain site-specific information to the Principal Contractor or a health and safety specification for the works to enable such a plan to be formulated. Accordingly, this specification on its own cannot ensure compliance with the requirements of the Act.

The Construction Regulations, 2014, requires a Client to stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons.

2 DEFINITIONS

As per the Occupational Health and Safety Act (85 of 1993) and the relevant regulations and applicable standards.

2.1 List of Abbreviations

AIA	Authorized Inspection Authority
CC	Compensation Commissioner
CHSA	Construction Health and Safety Agent

OHS Spec prepared by: N. Mcopele, Occupational Health and Safety Manager, ECDOH for repair and fixed term Scheduled maintenance of autoclave sterilization equipment installation at various facilities.

CHSO	Construction Health and Safety Officer
CR	Construction Regulations (CR 2014)
DoL	Department of Labour
GAR	General Administration Regulations
GSR	General Safety Regulations
HCSR	Hazardous Chemical Substances Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
OHSS	Occupational Health and Safety Specification
PA	Principal Agent
PSHSS	Project Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
SANS	South African National Standards (Authority)
SDS	Safety Data Sheet
SWP	Safe Work Procedure

2.2 Key References

Occupational Health and Safety Act No. 85 of 1993 and Regulations (as amended)

Construction Regulations 2014.

Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended).

SANS codes.

3 INTERPRETATION

The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.

3.1 PURPOSE OF THE PROJECT SPECIFIC HEALTH AND SAFETY SPECIFICATION (PSHSS)

The PSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client / Agents, Professional Service Consultants (Engineers, Quantity Surveyors and Architects), Principal Contractors and Contractors achieve an acceptable level of OHS performance.

No advice, approval of any document required by the PSHSS, such as hazard identification and risk assessments, or any other form of communication from the Client shall be construed as acceptance by the Client of any obligation that absolves the Principal Contractor from achieving the required level of performance and compliance with legal requirements. Furthermore, there is no acceptance of liability by the Client, which may result from the Principal Contractor failing to comply with the PSHSS, i.e. the Principal Contractor remains responsible for achieving the required performance levels.

A Mandatory Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing. The PSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation. Requirements may be changed should new risks or issues are identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or standards (legislated or determined by the Client) that are promulgated or accepted during the contract will automatically be applied.

It should be noted that this OHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations

3.2 REQUIREMENTS

A project specific H&S Plan in response to this PSHSS will be subject to approval by the Client or Client's Agent. This must include all supporting documentation as required to verify the H&S system:

OHS Spec prepared by: N. Mcopele, Occupational Health and Safety Manager, ECDOH for repair and fixed term Scheduled maintenance of autoclave sterilization equipment installation at various facilities.

4 GENERAL REQUIREMENTS.

4.1 RISKS

Principal Contractor to provide a detailed risk assessment for the entire work on site. The items noted are for information only and must be expanded as required by the project.

Summary of Risk on site:

- a) Working within an operational health facility.
- b) Working at Heights.
- c) Lifting equipment
- d) Fire
- e) Flammable Liquids / Gas
- f) Fragile Materials
- g) Hazardous Substances
- h) Hot Works
- i) Members of Public
- j) Night Work
- k) Biological risks
- l) Ergonomic risks
- m) Environmental pollution
- n) Weather related.
- o) Equipment and machinery
- p) Use of Electrical Equipment/Tools
- q) Exposure to Medical Fluids

Existing structures on site and surrounding land use (with a significant impact on Health & Safety):

- a) Public Health Facility Staff safety a concern.
- b) SMME (Construction Mafia)

4.2 SPECIFIED HAZARDOUS CHEMICAL SUBSTANCES

The PC is to supply the products required as per the bill of quantities-, materials safety data sheets (MSDSs) for each of the products envisaged to be utilized on site.

4.3 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

It should be noted that this OHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations.

The file must be submitted for approval to the Client or Clients Agent and issued to the Department of Labour before any construction work commences on site.

It should be noted that this OHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations.

4.4 HEALTH AND SAFETY PLAN FRAMEWORK

The H&S aspects related to the project outlined in the previous sections are to be taken into account when drawing up the H&S Plan. The PC is required to demonstrate competence by providing an H&S system that will address the requirements of the project.

The Client or Clients Agent may from time-to-time request additions or systems as they relate to the works or legislative requirements at the time.

4.5 APPOINTMENT OF COMPETENT SITE PERSONNEL

The CEO (OHSA S16.1) of the PC will take overall responsibility for the appointment of competent site staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Site Agent (OHSA 16.2). Knowledge and training in H&S is required, and certificates indicating H&S training as well as experience to be included in CVs.

All other legal appointments are to be made with relevance to the type of work required.

4.6 MAINTENANCE MANAGER / SUPERVISORS

Competent **FULL TIME** Maintenance Managers (CR 8.1) must be appointed to manage part or all the works and have training and/or experience in the area of responsibility. All site supervisors must show evidence of appropriate training in H&S, and an understanding or training in areas of responsibility (i.e., risk assessments, method statements etc.). Multiple competent Assistant Maintenance Managers (CR8.2) may be appointed where justified by the scope and complexity of the works.

There should be 2 Managers if the team Splits up into two regions for work.

Curriculum Vitae (CVs) are to be submitted for approval by the Client or Client Agent. The Maintenance Supervisor will be held responsible for the safety of working teams and subordinates, housekeeping and stacking and storage of materials. The Maintenance Supervisor must, as a minimum, have a supervision course.

If the Maintenance Manager (CR8.1) changes throughout the project. The Principal Contractor must ensure to provide the proposed Maintenance Manager CV and certificates for approval and then update the Annexure 2 and ensure that the appointment letter as well as proof of competency is available in the Health and Safety File.

4.7 CONSTRUCTION HEALTH AND SAFETY OFFICER

Competent registered **Part-Time** Safety Officer to be appointed for the duration of the project.

The CHSO must provide the SACPCMP valid registration certificate, CV and relevant certificates/qualifications. The officer will be required to compile a monthly report, see **Annexure A**.

These people may not hold any other position on the site staff.

The site supervisor may not act as the CHSM or Officer.

Should any of the key personnel be replaced the principal contractor is required to submit the CV, applicant's competency certificates and a valid SACPCMP letter of good standing for approval by the Client or Clients Agent CHSA at least two weeks before as The Department of Employment of Labour will need to be notified regarding the changes.

4.8 HEALTH AND SAFETY REPRESENTATIVE

Irrespective of the number of employees on site the PC must appoint **Full-Time Health and Safety Representatives**, who at least has completed the necessary health and safety representative course.

The H&S representatives will liaise and report to the full-time health and safety officer.

4.9 OTHER APPOINTMENTS

Not limited too but other legal appointments must be done as per the OHS Act 85 of 1993 and related regulations.

5 GENERAL RISK MANAGEMENT

5.1 HEALTH RISKS AND MEDICAL SURVEILLANCE

All workers (including those of Contractors) are required to be in possession of a medical certificate of fitness issued by a registered Occupational Medical Practitioner prior to commencing work. Medical surveillance will commence at pre-employment.

Many of the processes may be labour intensive and ergonomic risks are to be noted. All workers (including Contractors) are to be included in the medical surveillance programme.

Workers will be exposed to biological risk, noise, dust, and physical risks from extended periods of work of a repetitive nature, materials specified and the general nature of the business.

Environmental monitoring results and risk assessments are to be made available to the occupational health professionals doing the medical surveillance. The use of occupational risk exposure profiling (OREPS) and job descriptions are to be used to determine specific exposures for management.

All workers (including Contractors) are required to be in possession of a medical certificate of fitness prior to commencing work.

Employees required to perform work at heights or from fall risk position must be medically fit to perform such work, such employee's medicals must specify "Fall Risk" or "Working at heights" in the exposure section of the annexure 3 template.

Annual medical surveillance is required (unless identified as being required more frequently e.g. Noise, Dust, Asbestos etc.), as well as exit medical.

Arrangements for keeping medical records for the required time are to be noted.

It is preferable that the PC has a medical surveillance plan.

5.2 HAZARDOUS BIOLOGICAL AGENTS

1. **Identify the HBAs:** Determine which HBAs are present in the workplace and classify them into the appropriate groups (Group 1, Group 2, Group 3, or Group 4) based on their potential to cause human disease.
2. **Evaluate the Risks:** Assess the potential risks associated with each HBA. This includes considering the likelihood of exposure, the severity of the potential health effects, and the number of people who could be affected.
3. **Implement Control Measures:** Based on the risk evaluation, implement appropriate control measures to minimize or eliminate the risks. This may include engineering controls, administrative controls, and personal protective equipment (PPE).
4. **Monitor and Review:** Continuously monitor the effectiveness of the control measures and review the risk assessment regularly to ensure it remains up-to-date and effective.

By following these steps, you can effectively manage the risks associated with HBAs and ensure the safety and health of individuals who might be exposed to these agents.

Hepatitis A & B vaccination is required for all contractor's employees that will be working in areas where they will have direct contact with patients' body fluids.

5.3 NOISE AND DUST CONTROL AND RISK

All plant from plant hire companies (suppliers) or that of the PC is to be compliant with the Noise Induced Hearing Loss Regulations. Plant identified that has not been tested and marked for noise emissions will result in having to be tested at the Contractors or PCs expense. Failure to do so within a reasonable time period will result in such plant being removed from site.

Medical Surveillance for Noise Exposure (Noise Exposure Regulations, 2024- Sec 9)

Workers exposed to noise levels exceeding 85dB must undergo:

- Baseline audiometry testing before employment.
- Annual audiometry screenings to monitor hearing health.
- Exit audiometry within 30 days of leaving a noise-exposed position.

If a worker shows signs of Noise-Induced Hearing Loss (NIHL), the employer must:

- Reassign them to a lower-noise environment where possible.
- Provide additional protective measures, such as enhanced hearing protection.

Audiometric testing of all workers is noted as required in the medical surveillance programme for all permanent workers prior to work commencing. All workers in identified noise areas will require testing if the noise levels are indicated on plant or through processes as greater than 85dB. Audiometry records are to be available in the H&S file.

Suitable SANS approved hearing protective equipment shall be issued and worn. Where several items of construction plant are in operation at or near to each other, the noise zone for the combined plant should be established and suitable hearing protective equipment used within this zone.

The PC must ensure to take note that the facility will be fully operational and take extra care and planning communicated to the Facility staff to ensure that noise and dust does not interfere with daily activities.

5.4 EMERGENCY PROCEDURES

An emergency plan and procedure that is appropriate to the risks is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow.

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these persons prior to the commencement of the project.

Local emergency telephone numbers must be displayed and made part of the emergency procedure.

The general principals of emergency management are to be applied as it applies to the hierarchy of control and management. The PC must consult with the Client in preparation of the emergency as buildings will be operational.

Fire Prevention and Emergency Preparedness

A Fire Risk Assessment must be conducted before construction begins and updated throughout the project as site conditions change.

Principal Contractor must ensure compliance with fire prevention, emergency preparedness, and fire-fighting measures as outlined in General Safety Regulations 2025 (GSR) and the Construction Regulations, 2014.

5.5 FIRST AIDERS AND FIRST AID EQUIPMENT

Irrespective of the number of employees on site the PC will appoint at least 1 **First Aiders** who will be trained to **Level 3**.

First aiders shall be available and accessible on site always and be able to work as a team when responding to any emergency on the project.

Appropriately stocked first aid kits, at least to the requirements of the Annexure to the GAR, are to always be available to assure continual availability in every vehicle used to work on sites.

THIS SHOULD BE AVAILABLE FOR EVERY TEAM

5.6 FIRES AND EMERGENCY MANAGEMENT

Attention to emergency planning and procedures is very important. Requirement in terms of identified risks:

- Fire;
- Public Safety;
- Falls from heights,
- Hot Works (Permit from Facility)

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these persons prior to the commencement of the project; the emergency plan is to include the risks of fire on site and related to any specific activities.

Fire extinguishers will be appropriate for the risk and in sufficient numbers to deal with the type of fires that could occur. All mobile plants are to have appropriate, accessible fire extinguishers. Hot work permits are required for any such activities.

If the Fire Warning / Alarm is deactivated or not working- a communication session is required with the Health Facility Management and avail Mobile Air Horn for Staff.

5.7 INCIDENT MANAGEMENT AND COMPENSATION CLAIMS

All incidents and accidents are to be investigated. All serious incidents involving any form of disabling injury or fatality are to be reported to the Client /Client or Clients Agent immediately. This shall be confirmed in writing following the incident.

Any person who contracts an Occupational Disease will need to be reported to the Compensation Commissioner as an occupational disease where their work is to monitor and in contact with others. Such details are provided in the Compensation for Injuries and Diseases Act (COIDA).

Failure to comply with emergency provisions will be considered a serious offence, and the operation or project may be stopped if deemed inadequate for the work at the time of assessment or site inspection.

5.8 PERSONAL PROTECTIVE EQUIPMENT (PPE) AND CLOTHING

The PC is to provide PPE to all employees free of charge.

The wearing of the identified SANS approved PPE at all times is non-negotiable.

- Hard hats.
- Protective footwear.
- Overalls fitted with reflective strips that ensure worker visibility.
- Eye protection (if required)
- Hearing protection.
- Reflective jackets for Supervisors (no bibs).
- Respiratory protection (minimum of FFP2).
- Safety Gloves
- Safety Harnesses and
- Any other necessary PPE identified from SDS's and/or risk assessments.

5.9 OCCUPATIONAL HEALTH AND SAFETY SIGNAGE

On-site H&S signage is required. Signage shall be posted up at fixed or temporary working areas, or other potential risk areas/operations. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended.

Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements. The Principal Contractor must ensure that members of the public that need to access the hospital will not be able to gain access to the construction area. It should be noted that the hospital will be fully operational, and the construction area should be properly and securely barricaded at all times.

5.10 INDUCTION OF EMPLOYEES AND VISITORS, GENERAL H&S TRAINING

A simple, formal induction program is to be prepared which is site specific. Inductions must be carried out for all workers and visitors (including Client) to the site.

DSTi training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done. Any person found on site without proof of induction in the H&S File will be removed from site until the proof is supplied and, a penalty issued per non-compliance.

5.11 DECANTING

Decanting of patients and employees:

Care should be taken to ensure that construction activities are always being separated from employees as well as patients are reallocated were necessary.

6 COMMUNICATION ON SITE

All H&S communication during the project between the Client or Clients Agent and the PC will be done in writing, including the issue and responses to non-conformances and H&S audit results.

7 AUDITING

Frequency of external auditing by the Client or Clients Agent will be conducted every 30 Days to ensure that the contractors conform to the requirements of the Construction Regulations. The site will be inspected, and the documentation audited relative to the activities and H&S plan. The CHS Officer of the PC must accompany the Client, or the Client Agent, on all audits and inspections.

The PC will ensure that all their Contractors are audited at a frequency determined by the Client or Clients Agent. Audit frequency may be increased if Contractors are not performing adequately. Audit results will be acted upon, and non-conformances and penalties issued where deemed appropriate. The Client or Clients Agent may act or require further outcomes if non-compliances are noted, or unsafe acts are noted on site.

Internal audits are to include site conditions as well as ensuring H&S files are appropriate, and compliant. Comprehensive audit reports are to be made available, the format of the audit reports are to be acceptable by the Client or Clients Agent.

The audit will be adjusted from time to time relative to the activities on site. A similar process is to be used by the PC when auditing their Contractors on site. Compliance with legislative requirements and the systems provided by the PC to manage the H&S on site will be measured. Full compliance is required. Time limits for corrective actions will be set and must be adhered to.

8 SITE ACCESS POINTS AND SECURITY CONTROL

Site access - Entry to site may only be through pre-arranged security-controlled access points.

- Work areas should be Demarcated
- Signage in Place
- Access Controlled
- All Electrical to have **LOCK OUT** Procedure in place
- Follow the above but not limited to the above

9 CARE OF WORKERS ON SITE (WELFARE)

Adequate toilets, clean, safe drinking water and decent shelter must be afforded to workers at all times.

It is the responsibility of the contractor to inform and agree with the Health Facilities Management for the use of Ablutions and Water.

10 DISCIPLINE, ALCOHOL AND SUBSTANCE ABUSE

All employees (management included) are to follow instructions given in the interest of H&S. Disciplinary action is to be imposed on those who do not follow such instructions or company rules or policies.

No person can work or access site if under the influence of alcohol or other substances that could impact on their own or others safety.

11 WORKING AT HEIGHTS

A practical site-specific fall protection plan and rescue plans per CR 10 needs to be compiled by a competent person as per unit standard 229994.

Only competent persons may be allowed to work at heights.

All employees working at heights shall be in possession of working at heights certificate US 229998.

No Homemade structures or ladders will be permitted on the project.

Surroundings to be clear of rubble.

Fall protection, fall prevention, and fall rescue plans to be in place and communicated to site employees.

Ladders to be structurally sound and not broken and in accordance with GSR 13A.

Correct personal protective equipment to be used (safety harness and lanyard) to be used.

Construction regulation 10 of 2014 to be implemented when working at heights and to prevent any person from falling from heights.

Trestle tables are not to be used.

12 CRANES

A contractor must, in addition to compliance with the Driven Machinery Regulations, 1988 ensure that where tower cranes are used.

Employees required to perform work at heights or from fall risk position must be medically fit to perform such work, such employee's medicals must specify "Fall Risk" or "Working at heights" in the exposure section of the annexure 3 template.

Failure to comply with the above will lead to a fine as stipulated below.

13 ASBESTOS

Where a suspected asbestos containing material is identified on site, the contractor will notify the Engineer or client for further instruction.

All Asbestos work will be done in accordance with the Asbestos Abatement Regulations 2020.

14 ELECTRICAL

In addition to the requirements of the Electrical Machinery Regulations and the General Machinery Regulations, any electrical distribution board used for construction work shall be fitted with suitable earth leakage protection.

Leads must be properly and firmly connected.

Plugs and sockets shall be in good and safe condition.

All electrical apparatus, other than electrical hand tools, shall have a physical "lock out" system which will prevent any operation other than that authorized by a supervisor.

A "lock out" sign shall be displayed when the apparatus is not in use.

Method statements and safe work procedures will be required for all work involving electrical apparatus.

Ensure that main power supply and gas line in service duct to be identified and method statement to be submitted to Electrical & Mechanical Engineer for approval.

A Certificate of Compliance (COC) is to be submitted after work is completed.

15 INSPECTION AND HAND TOOLS

No handmade or damaged tools may be used on site.

The Principal Contractor needs to exercise control over all contractors on site. Hand tools may only be used for its intended purpose.

A competent person must be appointed to inspect hand tools weekly.

Inspections need to be recorded on a register and each tool identified with a unique number.

Inspection of equipment and tools.

The following items of equipment must be regularly inspected and maintained and appropriate records kept on file.

- 1.1. First Aid dressing registers
- 1.2. Fire equipment
- 1.3. Portable electrical equipment
- 1.4. Stacking and storage inspections
- 1.5. Hazardous Chemical Substances (HCS)
- 1.6. Ladders
- 1.7. Excavations
- 1.8. Construction vehicles and mobile plant.
- 1.9. Health and Safety Representatives checklists.

Not limited to just the above items.

16 LADDERS AND LADDER WORK

The Principal Contractor shall appoint a competent person in writing to inspect all ladders weekly and record such findings in a register.

Ladders are to extend one meter above a landing and must be secured at the top and have a secure, non-slip base.

All ladders that do not comply with Health and Safety standards are to be removed from the site immediately.

Electrical contractors to use Fiberglass ladder for non-conducting purposes.

17 SUBCONTRACTORS

The PC is to ensure that every sub-contractor will comply with the health and safety specifications.

All subcontractors' health and safety files must be approved by the Principal Contractor prior to any work commencing.

Contractor and SMME s to be Audited by Principal contractor on monthly basis.

18 DELIVERY OF MATERIALS

The PC must reasonably manage all deliveries of material to site. Stacking and storage of materials to be properly coordinated. Deliveries to be made on the contractors premises.

The PC is to consider the neighbors and public in all its activities related to this construction work.

Hospital services, namely Gas, are not to be affected by construction activities.

19 HOARDING

Adequate hoarding to be done to reduce dust and noise and prevent public entrance to site.

Security features must accompany the hoarding to maintain a secure environment for the existing occupants.

No Unauthorized person signage should be installed and various entrances.

Maintenance of Hoarding to be done at regular intervals.

20 NON-CONFORMANCES

Should, at any time, the work, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients OHS Spec or PCs H&S Plan; the PC shall have no claim for extension of time or any other compensation.

The following constitute examples of the types of non-conformances that will attract penalties, please note some of the activities might not be applicable on this project:

Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non-conformance and/or activity stoppage
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Fall protection harness not tied off / not worn
	No certificates of fitness for workers as required	Any breach of legal requirements

21 HEALTH AND SAFETY FILE

The documentation submitted and approved following the awarding of the contract will be used to form the H&S file. The H&S file is required to be laid out in a logical manner, and documentation filed within the file is to be easily accessible.

The following completed information shall be included (but not be limited to) as part of the index:

- The Site-Specific Health and Safety Specification. (from Client)
- The H&S Plan and the approval by Client;
- Appointment by Client;
- Mandatory agreement with Client;
- H&S specifications issued;
- Record of Competencies (CVs) and appointments;
- Training Records;
- Method statements;
- Risk assessments;
- Safe work procedures;
- Emergency and injury management;
- Safety data sheets
- Medical surveillance records;
- Registers; and
- Employee records (who is on site)



ANNEXURE A

CONTRACTORS MONTHLY HEALTH AND SAFETY REPORT

(To be submitted by the end of the first week of each month and be available with each audit)

CONTRACT NUMBER:		PROJECT NAME:	CONTRACT DETAILS:
1	GENERAL ACTIVITIES FOR THE MONTH (detail each area of work)		
2	NUMBER OF WORKERS (Permanent and local, contractors)		
3	TRAINING DONE (supplier, no of people, type)		
4	INCIDENTS / ACCIDENT (list number and details, attach reports)		
6	NON-CONFORMANCES (closed out or active)		
7	CONTRACTORS (list, approval status)		
8	AUDITS COMPLETED (internal and external)		
9	CRITICAL ISSUES		
10	GENERAL		

Health and Safety Officer: _____ Signature: _____ Date: _____

Maintenance Manager: _____ Signature: _____ Date: _____

ANNEXURE B – REQUIREMENTS FOR THE SAFETY PLAN ASSESSMENT

The Contractor must note that the information below is pertinent to the compilation of their safety plan response to this site-specific safety specification and it would be preferred if the Safety Plan is written in the order of the assessment documented below.

Please note that some of the items might not be applicable on this project.

No	Item	Notes
1	Project Directory	Please state details of Project Client, Project Manager / Principal Agent, Safety Agent, Consulting Engineer, etc. (Name, address, contact details).
2	Contractors Directory	Please indicate if you will be using Contractors on this project, if yes, include their details, trade, and FEM details.
3	Other Parties Directory	Please indicate contact details for any services applicable (electricity, water, etc.) as well as Department of Labour and Emergency Services.
4	Project Safety Statement	The Project Safety Statement must be included in the Safety Plan.
5	Health and Safety standards for the project (OHS Act, construction regulations, basic conditions of employment, etc.)	Health and Safety standards must be included in the Safety Plan.
6	Project Particulars	Scope of works must be included in the Safety Plan. This is critical.
7	Existing environment – Structures and Surroundings, Services (Electrical, Water, Sewerage, etc.), Traffic Arrangements, Parking, Access to Site, Storage of Plant and Materials	Please include these items in the plan. The items must be Site Specific, the location of services and services that will be affected must be mentioned.
8	Management Structure for safety on the Project	A structured organogram with names of the responsible people must be included.
9	Appointed Persons, Supervision	The required appointments must be identified. A list of the appointed persons must be included in the Safety Plan.
10	Security Procedures	Please indicate if a security company will be appointed and include the contact information in the Safety Plan.
11	Registers list and inspection frequency	A list of the Inspection Registers that will be on file must be included in the Safety Plan.
12	Design Co-ordination	Please indicate your procedure for implementation of design changes by designer on the project, and the procedures for liaison and implementation of temporary works design on the project.
13	Contractor Co-ordination	Mention must be made of how Contractors will be coordinated on site to ensure that they work together and not adversely affected health and safety.



No	Item	Notes
14	Housekeeping, stacking and storage	Housekeeping policies and procedures must be included in the Safety Plan.
15	Waste Disposal Arrangements	Waste disposal arrangements procedures must be included in the Safety Plan.
16	Noise and dust control	Please indicate if any noisy operations (more than 85 decibels) will be carried out and what measures will be used to reduce noise exposure to workforce.
17	Training Requirements	Training requirements must be identified and recorded.
18	Plant and Equipment	A list of plant and equipment to be used on site must be included in the Safety Plan.
19	Safety Monitoring Arrangements	The name, contact details and SACPCMP registration status of the Safety Officer must be included in the Safety Plan. State how often the Safety officer will be on site (note safety specification requirement in section 1.7).
20	Information for Contractors	State how information will be given to Contractors on site.
21	Consultation/communication arrangements with Employees	State how information will be given to employees e.g., notice board.
22	Selection of Contractors Procedures	Principal contractor must state what health and safety procedures they will use to assess the competence and resources of their contractors on site.
23	Activities with risk to Health and Safety (Risk Assessment)	A Baseline Risk Assessment must be included in the Safety Plan; it must address the Risks identified in the Safety Specification as well as the risk of any other hazards that the Principal Contractor is aware of that are relevant to the site.
24	Hazardous Substances	Must be listed in the Safety Plan and addressed in the Risk Assessment.
25	First Aid and Medical Procedures	Please indicate name of first aider, position of first aid box, location of nearest medical facility and emergency numbers.
26	Fire and Emergency Procedures	List of emergency telephone numbers must be drawn up and included in the Safety Plan. The position of Fire Extinguishers, Assembly Point location, fire drill frequencies, numbers of fire marshals, etc.
27	Accident and Incident Reporting and investigation	State the Accident and Incident Reporting and investigation procedures of your company.
28	Welfare and Site Facilities	Elaborate on toilets and eating areas, water provision, how will workers be protected during wet weather conditions etc.
29	Site Rules	The Site Rules must be included in the Safety Plan.
30	Personal Protective Equipment	The necessity must be identified by Risk Assessments.
31	Health & Safety File arrangements	Please indicate arrangements for the return of the Health and Safety File to the safety agent at the end of the project.



No	Item	Notes
32	Method Statements/Safe System of Works	A list of Method Statements/Safe System of Works must be included in Safety Plan for all High-risk activities
33	Permits and wayleaves	List of activities that Principal Contractor anticipates will require permits and wayleaves (including those stated in the safety specification) to be included.
34	Fall Prevention and Protection Plan and Fall Rescue Plan	A copy of the Fall Prevention and Protection Plan, fall rescue plan and fall risk assessment must be included in the Safety Plan.
35	Demolition method statement	A copy of the Demolition Method Statement must be included in the Safety Plan.
36	Confined spaces	The Principal Contractors' procedures for managing access, egress and work in confined spaces must be specified in the Safety Plan. Includes permit procedures, air monitoring, PPE, etc.
37	Safety Representatives and Safety Committees	When a project has more than 20 employees a designated employee must be chosen by the labourers to represent them. A safety committee must be established if 2 or more safety representatives are appointed. Please note Safety Specification requirements regarding this section (section 2.12).
38	Have the significant hazards from the safety specification been addressed?	See section 1.9 of the Specifications and ensure practical measures have been detailed in the safety plan.
39	Safety File - Safety Policies in File and Signed by 16(1) CEO.	Safety Policies must be signed and explained to employees.
40	Safety File - A copy of the valid Letter of Good standing from FEM / Workman's Compensation must be on file.	A copy of the valid Letter of Good standing from FEM / Workman's Compensation must be on file.
41	Safety File - Signed copy of the 37.2 Mandatary Agreement	A 37.2 Mandatary Agreement needs to be signed between the Client and the Principal Contractor.
42	Safety File - Appointment letter from Client (as well as 5.1.K)	The Client must appoint the Principal Contractor in writing.
43	Safety File – Notification / Permit	A copy of the Annexure 2 Notification (and proof of submission) to Department of Labour must be available. This can be in the form of a Department stamp, email, or copy of Construction Work Permit.



ANNEXURE C – LEGAL APPOINTMENTS

The contractor shall make the following appointments, as required:

Chief Executive Officer (OSH Act 16(1))
Contract Director/Manager (OSH Act 16(2))
Maintenance Manager (CR 8(1))
Construction Supervisor (CR 8(7))
Assistant Construction Supervisor (CR 8(8))
Construction Safety Officer (CR 8(5))
Safety Representative (where > 20 employees on site)
Temporary work Designer (CR 12(1))
Temporary work Supervisor (CR12(2))
Construction risk assessor (CR 9(1))
Excavation Supervisor (CR13(1)(a))
Demolition Supervisor (CR14(1))
Scaffold Supervisor (CR16(1))
Suspended Platform Supervisor (CR17(1))
Material Hoist Inspector (CR19(8)(a))
Material Hoist Operator (CR19(6))
Bulk Mixing Plant Supervisor (CR20(1))
Bulk Mixing Plant Operator (CR20(2))
Controller of Explosive Actuated Fastening Devices Nails, Cartridges or Studs Issue and Collection (CR21(2)(g)(1))
Construction Vehicle and Mobile Plant Operator (CR23(1)(d)(i))
Controller of Temporary Electrical Installations (CR24(c))
Stacking Supervisor (CR28(a))
Fire Extinguishing Equipment Inspector (CR29(h))
Fall Protection Plan Developer (CR 10(1)(a))
Incident Investigator (OSH Act 9(2))

**ANNEXURE D – SAFETY SPECIFICATION AND BASELINE RISK ASSESSMENT
ISSUE REGISTER**

Date of Original Safety Specification Compilation	Compiled By	Issue Date
January 2024	N. Mcopele	January 2025

Revision Summary	Revised By	Revision Date
1	N Pumaphi	16 July 2025
2	N Mcopele	25 July 2025

Acknowledgement:

I, _____ representing.

_____ (Contractor), have satisfied myself with the content of this Health and Safety Specification and shall ensure that our employees and contractors on site comply with the requirements of this document, our safety documentation and health and safety legislation.

Signature of Contractor

Date

Comments:



ANNEXURE E – OHS BILL OF QUANTITIES

DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
				R	C
Preparation of principal contractor's site-specific health and safety plan, safety file, risk assessments, fall prevention/protection plan, Annexure 2 notification to Dept of Labour, demolition method statement, other method statements requested to be prepared for safety reasons, permits, amendments to safety plan during course of project, traffic management / accommodation plans, and any other legally required health and safety documentation	Lump sum	Lump sum			
DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
				R	C
Provision of medical certificates of fitness for employees (Annexure 3)	Lump sum	Lump sum			
Provision of personal protective equipment (PPE) by to employees e.g. • Work suits with reflective strips. • hard hats (where applicable) • protective footwear • hearing protection • respiratory protection • safety eyewear • gloves • Spill Kits etc.	Lump sum	Lump sum			



DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
				R	C
Provision of First Aid Boxes per bakkie as per legal requirements	Lump sum	Lump sum			
Provision of sufficient fire extinguishing equipment per bakkie.	Lump sum	Lump sum			
Provision for safe disposal of waste, spill kits, safe housekeeping, and storage practices	Lump sum	Lump sum			
Compilation of consolidated Safety File at Close Out stage and handover of file to the client in a digital format	Lump sum	Lump sum			
SUMMARY TOTAL OHS COST PROVISION					



ANNEXURE F –BASELINE RISK ASSESSMENT

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
SCOPE AREA OF MAINTENANCE PROGRAMME								
		Driving on public roads/ Driver not competent or medically and psychologically fit/ under the influence of drugs and/or alcohol/ Pre-start check not completed	Financial loss/ Damage to equipment/ Injuries to employees/ Damage to property/ Possible fatalities	All drivers must be authorised in writing, be in possession of valid Competence and Medical Certificate. All employees shall undergo a mandatory alcohol level test. Driver must perform pre-ignition check and ensure checklist completed before leaving workshop/office. Under no circumstances shall anyone tamper with the safety devices / mechanisms on the machinery. No loading of passenger in Load cab of bakkies. Driver to ensure that bakkie are kept in good state. Maintained as per maintenance schedule. All Occupants in bakkie to ensure seatbelt is engaged at all times.	2	2	2	8

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Offloading equipment, machinery, materials	Falling and moving objects or machinery Ergonomic strain, crush, death	Check test certificate Check examination certificate Check inspection have been carried out Check certificates for lifting equipment (chains, slings, shackles, etc.) Ensure lifting gear is rated to carry load (SWL) Ensure materials being lifted are properly packaged and slung. Be aware that there should be a minimum clearance of 600mm between any slewing parts of a crane and any fixed installation to prevent being trapped. Access to the work area during lifting operations is to be restricted to those involved with and trained in the work in hand. Do not allow members of the public to gain access to the area. Only trained banksmen to be used. The crane driver and the banksman are to ensure that the signals given are clearly understood.	2	2	2	8



BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Storage of Materials and Tools	Injury / Property damage / Theft / Security Issues	Proper separated demarcated storage to be allocated to the contractor. Materials to be stored in demarcated storage bins. At least one fire extinguisher must be made available.	2	2	2	8

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Mechanical failure/ not maintained as per maintenance schedule/ Wear and Tear	Financial loss/ Damage to equipment/ Injuries to employees/ Damage to property/ Possible fatalities	Establish and strictly adhere to a documented preventive maintenance schedule based on manufacturer recommendations. Conduct routine inspections (daily, weekly, monthly) to check for signs of wear, leaks, unusual noises, or performance issues. Ensure only trained and competent personnel perform maintenance and repairs. Use original equipment manufacturer (OEM) parts for replacements to maintain integrity and compliance. Keep detailed logs of all maintenance activities, including dates, findings, and corrective actions. Implement pre-use equipment checks to ensure safety systems (e.g., pressure release valves, seals) are functioning properly. Establish a clear protocol for users to report malfunctions or signs of mechanical failure immediately. Regularly assess equipment lifespan and replace aging units before failure risk becomes critical.	2	2	2	8

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
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The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Handling Heavy Equipment and Material	Employee suffering from muscle strain when picking up the tools or equipment alone or in the wrong manner.	At least 2 employees carry the equipment Employees trained in ergonomics (lifting techniques). Good communication. Equipment has handles (cage) to make handling easy. Employees to use their upper legs to pick up the equipment and not their lower back.	3	2	2	12
		Sharp Object	Injuries to the body when making contact with exposed sharp parts on the autoclave and sterilization equipment.	Safety guards are in place and in good working condition. Correct PPE to be used. To make sure that all parts is in place and not loose before picking up.	3	2	2	12

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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low	med	high
1	4	12
2	6	18
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The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Hot Surface	Employee suffering from burns when making contact with the hot surface of the autoclave or sterilization equipment.	Place clear warning signs and thermal hazard labels on autoclaves and sterilization equipment indicating hot surfaces. Allow sufficient cooling time before performing maintenance or cleaning after operation. Use heat-resistant gloves and PPE when handling or working near hot surfaces or recently operated equipment. Designate and restrict access to areas around operating autoclaves to prevent accidental contact. Train staff on thermal burn hazards specific to sterilization processes and safe handling procedures.	3	3	3	27
		Pressurized system release	Burns, impact injuries, sudden release of steam	Depressurize system fully before work; use pressure-rated fittings	3	2	2	12
		Confined space hazards	Asphyxiation, exposure to residual chemicals	Follow confined space entry procedures; continuous air monitoring	1	1	3	3
		Slips and falls (wet surfaces)	Fractures, head injuries	Use anti-slip flooring; clean up spills promptly; place warning signage	2	3	2	3

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Noise exposure	Hearing damage from steam release or alarms	Wear hearing protection; schedule maintenance during low-noise periods	1	2	1	3
GMR (General Machinery Regulations)		Plant and Equipment	Injury / Property damage / Theft / Security Issues	Implement traffic protection measures Trained and competent operators must be used Check plant and vehicles on daily basis before use and record inspections. Maintain vehicles in safe condition. Medical certificates of fitness required for construction plant. Crossing of road by construction vehicles or machines must be limited to the practical minimum Plant and vehicles must be fitted with amber rotating beacons and reverse alarms. Wear appropriate protective clothing/equipment, e.g., goggles, gloves, ear defenders, etc. as appropriate.	3	3	3	27

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

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1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
General		Bees/Wasp	Stings	Qualified first aider required for site who can treat Bee & Wasp Stings Check area before working Find out nearest hospital and get emergency telephone numbers.	1	1	1	1
CR14e		Overhead systems and services (Working near)	Contact with live services causing injury to personnel Damage caused to services	Maintain safe clearance levels Establish presence of any services via proper walk-through survey of site and/or means of service drawings Wear personal protective clothing Ensure height of plant/vehicles does not compromise or exceed clearance levels for overhead services Obtain information on clearance levels from service provider	1	1	1	1



BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
CR19.3a		Lifting Operations	Falling material Crushing by materials Hand injuries to the slinger Toppling crane	Use only trained and authorized personnel for all lifting operations. Ensure lifting equipment and accessories are certified, inspected, and well-maintained. Conduct a risk assessment and have a lifting plan in place before starting. Inspect the load for weight, stability, and secure attachment before lifting. Establish exclusion zones and maintain clear communication during the operation.	2	2	2	8

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Cleaning	Abrasions/ cuts/ burns	Use appropriate personal protective equipment (PPE) such as gloves, goggles, and masks based on the cleaning agents used. Ensure cleaning chemicals are clearly labeled, stored properly, and used according to manufacturer instructions. Provide training to cleaning staff on safe handling of chemicals and equipment. Maintain good ventilation in cleaning areas to reduce inhalation risks from fumes. Clean up spills immediately and use wet floor signs to prevent slips and falls.	2	2	2	8

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The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Plumbing	Falling material Falling from height Fire Burns Exposure to lead fumes	Ensure standard safety procedures are followed at all times Only used trained and competent personnel Ensure there is a safe working area at all times Ensure materials are stored neatly Ensure there is safe access and egress at all times Ensure all personnel wear suitable and sufficient personal protective equipment Consider a hot works permit system prior to commencing any hot works Make sure emergency procedures are in place and ensure all personnel are aware of where to go in case of a fire	1	1	2	2

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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1	4	12
2	6	18
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The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Equipment Erection	Falls from height Falling components Contact injuries from falling lifting equipment	Use only certified lifting equipment and ensure all components are properly secured before lifting. Conduct a thorough inspection of lifting gear and structural components prior to erection activities. Establish exclusion zones beneath and around the erection area to protect workers from falling objects. Use tag lines and controlled lifting techniques to prevent swinging or uncontrolled movement of components. Ensure only trained personnel are involved in erection and lifting operations, with clear communication protocols in place.	2	1	1	2

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Equipment Fixing	Back injuries caused by manual handling Eye injuries from tie wire Trips / falls Falling form height	PPE must include safety boots and goggles Manual handling training may be required Care to be taken when working near overhead lines Use only trained personnel Provide safe means of access Maintain and regularly inspect all lifting appliances and equipment Cap starter bars to prevent injuries where feasible Construct scaffold walk ways to cross reinforcing mesh, as required	2	1	1	2
		Exposed Live Electrical Wire	Electrical shock when in conact with exposed live wires or autoclaves/ sterilizers is not earthed correct.	To be inspected by a qualified electrician. Not used during wet weather. Earth spike in place. Machine used is inspected before use and need to be clean, leak free and serviceable.	3	2	2	12
		Exposed Moving Parts	Injury to the body when in conact with exposed moving machinery.	Safety guards are inplace and in good working condition. Hand place ment to be in the correct place.	3	1	3	9

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

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1	4	12
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The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
		Excessive Noise (>85dB)	Excessive noise can cause noise induced hearing loss. Excessive noise in a public place can cause noise pollution.	Employees to use the correct earplugs and to use them in the correct manner.	3	2	1	6

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

					Baseline risk			
Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
General Hospital Safety					Baseline risk			
CR 10		Access	Injury to person's / employees /personnel/ consultants/patients	Separate general public from early works / construction site. Extra care to be taken to ensure the public and personnel do not gain access to the construction activities as well as early works	2	2	2	8
		Exposure noise	Interruptions to existing activities	Control should be taken to ensure to bear in mind exposure to general patient wards. Extra special care and planning and communication between the contractor and Hospital staff where working in close vicinity to consulting rooms A solid hoarding structure to be above 2.5 meters.	2	2	2	8
		Exposure to dust	Interruptions to existing Hospital activities	Control should be taken to ensure to bear in mind exposure to general patient wards. Extra special care and planning and communication between the contractor and Hospital staff where working in close vicinity to consulting rooms. A solid hoarding structure to be above 2.5 meters.	2	2	2	8

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
GS' 13A	General	Waste Management	Daily waste from contractor / professionals / specialists cross contaminated with Hospital waste.	Normal waste from all the appointed contractor / professionals / specialists should have separate controlled waste areas. To ensure no cross contamination with the existing Hospital waste management systems	2	2	2	8
		Contact with Biohazardous Waste	contractor / professionals / specialists coming into contact with medical biohazardous waste from the hospital	Controlled medical biohazardous dump area should be completely separated from contractor / professionals / specialists	2	2	2	8
		Barricading / Demarcating / Hoarding	Interaction with existing Hospital activities / personnel and general public	Control should be taken to ensure that construction activities is at all times being separated from day to day Hospital activities / staff / patients / general public as well as Hospital storage facilities. To bear in mind exposure to general patient to sick patients. A solid hoarding structure to be above ceiling height to be considered.	3	3	3	27

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
GS' 13A		Security	Theft	Contractors and professionals doing construction activities should have own security on site. Contractors to ensure that materials and items of value are stored correctly as this can cause a security risk for the existing Hospital.	1	1	2	2
GS' 13A		Epidemic and Pandemic Control	Contact with Airbourne and infectious diseases.	Control should be taken to ensure that construction activities is at all times being separated from day to day Hospital activities / staff / patients / general public.	1	1	3	3
GS' 13A		Medicine Access Control	Theft and substance abuse	Control should be taken to ensure that construction activities is at all times being separated from day to day Hospital activities and deliveries and medical storage facilities.	2	3	3	18
GS' 13A		Infection Prevention	Jeopardizing the sterility of the patients environment.	Control should be taken to ensure that construction activities is at all times being separated from day to day Hospital activities / staff / patients.	2	3	3	18

BASELINE RISK ASSESSMENT BID NO: SCMU3-25/26-0142-HO: SCHEDULE MAINTENANCE OF AUTOCLAVES & STERILIZATION EQUIPMENT AT CLUSTER ONE (1) –OR TAMBO AND ALFRED NZO DISTRICT– HEALTH FACILITIES (36 MONTHS)

Risk Rating multiplier: Low = 1; Medium = 2; High = 3

low	med	high
1	4	12
2	6	18
3	8	27

The baseline risk assessment is to highlight hazards emanating from project risks identified.

Reference	Area	Hazard	Risks identified as present	Describe the obvious control measures to be part of design	Baseline risk			
					Likely consequences of an incident	Frequency of Exposure	Probability of harm	Risk rating and risk category
GS' 13A		Fraternization	Harassment of persons on Hospital property.	Extra Control should be taken to ensure that consultants / professionals / specialists / contractors are separated from staff / patients / general public	2	2	3	12

PART C4: SITE INFORMATION

C4.1: SITE INFORMATION

PROJECT NAME	SCHEDULE MAINTENANCE OF AUTOCLAVES AND STERILIZATION EQUIPMENT IN CLUSTER 1 – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-25/26-0142-HO

C4 Site Information

1. GENERAL

1. The Standard for Uniformity in Construction Procurement published in terms of the Construction Industry Development Board (CIDB) Act, 2000 (Act no 38 of 2000), the Standardized Construction Procurement Documents for Engineering and Construction Works as issued by the CIDB and any other relevant documentation pertaining thereto must be studied and all principles in this regard must be applied to all procurement documentation, practices and procedures.
2. The Supplier must acquaint themselves fully with all matters pertaining to this section in order to enable prospective Suppliers to price for all eventualities.
3. All hospitals are functional, caution must be taken in terms of contractor movement and noise.
4. The employer will advise will confirm where the stripped materials need to be disposed.

LIST OF FACILITIES IN CLUSTER 1

OR Tambo District

Item No.	Facility Name
1	Flagstaff CHC
2	Bambisana Hospital
3	Holy Cross Hospital
4	Qumbu CHC
5	Gura Clinic
6	Mbalisweni Clinic
7	Lotana Clinic
8	Lower Gungululu Clinic
9	Mhlakulo CHC

10	St Lucy's Hospital
11	Tombo CHC
12	Dr Malizo Mpehle Memorial Hospital
13	Isilimela Hospital
14	Port St Johns CHC
15	Mthatha Regional Hospital
16	Nelson Mandela Academic Hospital
17	Makhotyana CHC
18	Nkanga Clinic
19	Buntingville Clinic
20	Bedford Hospital
21	Zitulele Hospital
22	St Barnabas Hospital
23	Canzibe Hospital
24	Nessie Knight Hospital

Alfred Nzo District

Item No.	Facility Name
1	St Patrick's Hospital
2	Greenville Hospital
3	Mount Ayliff Hospital
4	Madzikane kaZulu Memorial Hospital
5	Khotsong TB Hospital
6	Tayler Bequest Hospital (Matatiele)
7	Sipetu Hospital
8	Meje CHC



PART C4.2

EASTERN CAPE DEPARTMENT OF HEALTH

Supplementary Technical Specification

FOR THE

GENERAL MAINTENANCE AND REPAIRS

OF

AUTOCLAVES AND STERILIZATION EQUIPMENT

AT

VARIOUS HOSPITALS AND HEALTH FACILITIES IN

THE

CLUSTER ONE – ALFRED NZO & O.R. TAMBO

DISTRICT

OF THE EASTERN CAPE PROVINCE

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**SUPPLEMENTARY TECHNICAL SPECIFICATION
FOR THE
GENERAL MAINTENANCE AND REPAIRS
OF
AUTOCLAVES AND STERILIZATION EQUIPMENT**

SS 1. GENERAL

This specification is for the repair and fixed term maintenance of autoclaves and sterilization Equipment installations at various hospitals and health facilities listed in paragraph SS 3 of the O.R. Tambo and Alfred Nzo District.

This specification shall be read in conjunction with the following documents:

1. Autoclaves and sterilization Equipment **Service Information**, which will include the:
 - 1.1. Standard Specifications for the General Maintenance and Repairs to Electrical and Mechanical Installations for Autoclaves & Sterilization Equipment,
 - 1.2. Technical Specifications for Autoclaves & Sterilization Equipment that may be applicable,
 - 1.3. This Supplementary Specification for Autoclaves & Sterilization Equipment,
 - 1.4. Operating and Maintenance Manuals for Autoclaves & Sterilization Equipment (where applicable),
 - 1.5. Relevant Inspection Check sheets for Autoclaves & Sterilization Equipment,
 - 1.6. Maintenance Control Plan per Health Facility for Autoclaves & Sterilization Equipment,
2. All relevant National Standards and Legislation that is referred to in the Autoclaves & Sterilization Equipment Service Information, and
3. The General Conditions of Tender and all Schedules and Drawings forming part of the Tender.

Where specifications and/or drawings are at variance this Supplementary Specification will have preference over both the Standard Specifications and the Drawings.

Maintenance and servicing shall be carried out strictly as stated in the service schedules and after each service a copy of the service schedule shall be duly completed and signed shall be submitted to the responsible Service Manager.

SS 2. EQUIPMENT INSTALLATIONS

The following equipment installations shall be maintained and repaired as part of this contract:

1. Ultrasonic cleaners
2. Portable/tabletop sterilizer
3. Portable autoclave
4. Upright/vertical industrial autoclave
5. Autoclave
6. Industrial autoclave
7. The above are of the steam or electric option

The connection termination points will be:

The electrical termination point for this contract will be the downstream side of either the wall mounted plug socket, or the wall mounted local Isolator.

The steam and condensate connection terminations will be the local isolation valve for the equipment.

The water connection terminations will be the local isolation valve for the equipment.

The LP gas connection point will include the full gas installation all the way up to and including the LP Gas bottle.

SS 3. SCOPE OF WORK

This specification is for the repair, service and maintenance, and proper functioning of the Autoclaves and Sterilization Equipment installations, for the duration of the Contract period, in the following Health facilities:

OR Tambo District

Item No.	Facility Name
1	Flagstaff CHC
2	Bambisana Hospital
3	Holy Cross Hospital
4	Qumbu CHC
5	Gura Clinic
6	Mbalisweni Clinic
7	Lotana Clinic
8	Lower Gungululu Clinic
9	Mhlakulo CHC
10	St Lucy's Hospital
11	Tombo CHC
12	Dr Malizo Mpehle Memorial Hospital
13	Isilimela Hospital
14	Port St Johns CHC
15	Mthatha Regional Hospital
16	Nelson Mandela Academic Hospital
17	Makhotyana CHC

18	Nkanga Clinic
19	Buntingville Clinic
20	Bedford Orthopaedic Hospital

Alfred Nzo District

Item No.	Facility Name
1	St Patrick's Hospital
2	Greenville Hospital
3	Mount Ayliff Hospital
4	Madzikane kaZulu Memorial Hospital
5	Khotsong TB Hospital
6	Tayler Bequest Hospital (Matatiele)
7	Meje CHC

Details of the work required shall be as listed in the Price Lists which have been sub-divided into the following categories:

SCHEDULE 1: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK

SCHEDULE 2: FUNCTIONAL REPAIR SCHEDULE

SCHEDULE 3: MAINTENANCE SERVICE SCHEDULE

SCHEDULE 4: TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION FOR THE WORKS

Note: The repair work included in Schedules 1 to 4 has been subdivided for each Health Facility where applicable.

The repair and maintenance phases shall run in parallel as specified in GM 2.4. The equipment to be repaired and maintained is listed under the Inventories of Equipment in C4.1.

The maintenance work (Minor and Major Services) required on the equipment listed in the Inventory of the attached C4.1, will be as per the pricing of the Schedule 3 Price List, but subject to the scheduling and remeasuring of quantities as contained in the final Maintenance Control Plan as per paragraph GM 3.3. All work must comply to the minimum requirements set by the Service Information for the Autoclaves and Sterilization Equipment installations.

The repair work will be as per the Schedule 4 Price List, but subject to work being accepted by the Service Manager from the Repair Schedule as per GM 2.6. Due to limited funds and as specified in paragraph GM 2.8, some of the repair work may be stretched over two or more financial years. The repair work for the first financial year will commence only after the Contractor has been issued with a written instruction (Task Order as per GM 2.4) to proceed with the specified work by the Service Manager once the relevant Repair Schedule has been accepted and the relevant repairs approved by the Employer.

SS 4. INSPECTION OF THE SITE

Due to the large number of, and area over which the Health Facilities covered by this Contract is spread, it is the Contractor's own choice if he wants to inspect the sites prior to tendering to ascertain the condition of the equipment or rely solely on the information provided as part of the Tender Documentation and single site Tender Briefing Meeting as per GM 1. No further

claims due to non-compliance with this requirement shall be entertained.

SS 5. STATUTORY AND REGULATORY REQUIREMENTS

The latest edition, including all amendments up to the date of Tender, of the specifications, publications and codes of practice listed in the Service Information for Autoclaves and Sterilization Equipment shall be read in conjunction with this specification and shall be deemed to form part thereof.

All equipment that is subject to regular statutory inspections such as pressure vessels and lifts, shall be prepared for statutory inspections and tests only when the validity of the existing certificates has expired, or if the validity cannot be accurately verified. This work will form part of the maintenance phase of the Contract

SS 6. GENERAL REQUIREMENTS FOR REPAIR AND MAINTENANCE CONTRACTS

Whenever reference is made in the specifications to repairs and/or repair phase it shall mean the repairs required to the installation to bring the installation up to a standard, as described in the Service Information. In general, the repair work shall commence only after the Functional Condition Assessment Report has been accepted and the quantities verified.

Maintenance work must be completed according to the approved Maintenance Control Plan. (See GM 3.3). Repair work can only commence once the Service Manager has accepted it and issued a Task Order (See GM 2.8), or a Breakdown Task Order has been issued by the Call Centre. Critical repairs may be carried out immediately with the approval of the Service Manager, but will be priced as per the guidelines of GM 2.8 and subject to the General Contractual Conditions.

SS 7. ROUTINE SERVICING AND MAINTENANCE WORK

Maintenance of the Autoclaves and Sterilization Equipment may include, but is not limited to inspect, service and/or replace the following:

1. Water Connections
2. Gas Connections
3. Steam Connections
4. Servicing, Repair and Cleaning of Drain Connections, Drain Pipes and Fat Traps
5. Electrical Connections
6. Panels and Covers
7. Hinges, Catches and Lids
8. Seals and Gaskets
9. Gauges, transducer, switches
10. Elements and Thermostats
11. Controls, Indicator Bulbs and Switches
12. Electrical cabling
13. Piping and ducting
14. Descaling, Degreasing and Cleaning
15. Water softening

16. Statutory Inspections and Certification

Pest and rodent control are not part of this Contract's Scope of Work.

SS 8. TRAINING OF THE DEPARTMENT'S MAINTENANCE STAFF

It is required of this contract that the Contractor arrange for the non-accredited theoretical and practical training of at least three maintenance personnel employed by the Department at each Health Facility specified in the Supplementary Specification. This training should be

incorporated into the normal service visits to the facilities, and billed at the normal contracted labour rate for the artisan or technician that provides the training. The Contractor must provide proof of attendance of such training activities by the relevant staff that attended, as well as the contents of the training when claiming payment for this activity.

The Contractor shall ensure that his own maintenance personnel are sufficiently qualified for the duties required.

Maintenance staff must receive enough instructions to ensure that they are fully conversant with the equipment concerned, and so that they can understand what the impact of their actions (or lack thereof) will be on the equipment. This non-accredited training of the Health Facility's Employees shall be for a minimum duration of 40 hours, or as otherwise determined by the Service Manager, which shall include, but not necessarily be limited to, instruction on the operation and maintenance of the following items

1. Water Connections and Pressure.
2. Steam Connections and Pressure.
3. Condensate Connections and System
4. Gas Connections and Pressure.
5. Drain Connections and Unblocking of Pipes
6. Electrical Connections and Resetting Circuit Breakers.
7. Controller Settings.
8. Visual Inspections.
9. Fault Identification and Reporting.
10. Sterilizing Systems.
11. Cleaning Equipment.

The training should be aligned to the general tasks contained in the Inspection and Servicing Guideline for the Autoclave and Sterilization Equipment and OEM Operation and Maintenance Manuals.

SS 9. TRAINING OF DEPARTMENTS OPERATING STAFF

The Contractor shall be responsible for the non-accredited training of the Department's operating staff after the maintenance and/or repairs has been completed. This will form part of the 40 hours envisaged in SS8 above. Operating staff must receive enough instructions to ensure that they are fully conversant with the operation of the equipment concerned, so that they can understand what the impact of their actions (or lack thereof) will be on the equipment. Operating staff shall be instructed on:

1. The general operating method of the plant;
2. Starting and stopping instructions;
3. Stopping the plant or unit in emergency and warning against

- restarting after an emergency unless a competent person is present;
- 4. Positions and normal settings of control equipment;
- 5. Normal operating temperatures, pressure, differential pressures etc.;
- 6. Safety measures, especially against high voltages;
- 7. Operational checks on sight glasses, running amperages, etc.;
- 8. Name, address, and telephone number of the competent person responsible for the maintenance of the plant or unit.
- 9. Maintenance Log Book (Update maintenance and service records into Log Book

The Operating and Maintenance Manual must be available during the training of operating staff. Operating staff must also be made conversant with the contents of the manual.

All instrumentation such as thermometers, pressure gauges, manometers, etc. shall be marked at the operating point under normal conditions. Such markings shall be neatly done on the scale itself where possible or alternatively on the protecting glass cover.

SS 10. COMPETENT PERSON ON SITE

It is not a Condition of Contract that a Competent Person must be full time on site. Payment reductions will however be imposed if repairs are not carried out within the time limitations specified in Paragraph GM 7: Maximum Maintenance Down-Time. Contractors are therefore advised to evaluate the additional expense required for a competent person on site, where it makes sense to do so, to ensure quick response against the possibilities of payment reductions, before submitting a Tender.

SS 11. CLASSIFICATION OF BREAKDOWNS

The classification of breakdowns specific to Autoclaves and Sterilization Equipment shall be as follows in line with the requirements of GM 7.

The classification of breakdowns specific to Autoclaves and Sterilization Equipment shall be as follows in line with the requirements of GM 7:

P2 = Only where no other Autoclaves and Sterilization Equipment item can fulfill the function required.

P3 = All other Autoclaves and Sterilization Equipment faults and breakdowns.

P4 = None.

Priority of Calls	Description	Reaction Times
P1	Emergency (Life Threatening)	Immediate response from the time of logging a call and the emergency to be resolved (at least temporarily) within 8 hours
P2	Urgent	Immediate response from the time of logging a call and to be resolved within 12 hours
P3	Planned Maintenance Repairs	Scheduled Maintenance is to be scheduled and performed within 3 business days of the scheduled date

P4	Emergency Facility Repairs	7 Days planning and execution subject to supply chain regulations
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SS 12. PENALTIES

Penalties applicable to this specification will be as per the criteria specified in Section X17 of the Secondary Options Clauses of the Contract, and C1.2b Annexure CD.

SS 13. SPECIAL SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY REQUIREMENTS

In addition to the general SHEQ requirements as per GM 2.15, the following additional requirements will apply to Autoclaves and Sterilization Equipment:

Due to the type of equipment and risk of injury to personnel working on them, it is of the utmost importance that the relevant staff are supplied with and trained in the use of the relevant PPE while working on the Autoclaves and Sterilization Equipment.

This as a minimum must include:

- Safety Boots
- Overall Suit
- Leather Gloves
- Clear Safety Glasses
- Hearing Protection
- Dust Mask
- TB Mask

Contractor's employees who are not medically fit due to pulmonary throat infections, or other contagious illnesses, are not permitted to be deployed to food services environments. In such situations, the contractor shall avail a suitable qualified replacement.

To comply with environmental requirements, the Contractor must always have a basic spill control kit in his vehicle to assist with the cleanup of any spilled oils, etc. during the course of their work on site.

SS 14. SPECIAL TOOLING REQUIREMENTS

In addition to the general tooling that the Contractor should have, the following additional requirements will apply to Autoclaves and Sterilization Equipment:

- Multimeter for checking electrical system.
- Infrared Thermometer Gun
- Flow measurement devices to measure fuel, water and steam flows

SS 15. IN-SERVICE TRAINING OF SELECTED TRAINEES

The Contractor can be required to provide In-Service Training for selected Interns and/or Graduates from the areas where the Services are to be provided as per the conditions contained in C3.3. A provisional sum to cover the salaries for these trainees will be included into the Price list.

The Employer will select and appoint the relevant In-Service Trainees and place them with the Contractor who will provide suitable In-Service training to them, in line with the type of services rendered by the Contractor, as agreed in writing with the Employer during the placement process.

The following definitions will be applied for the purposes of this specification:

- **Intern:** a student or trainee who works, in order to gain work experience or satisfy requirements for a qualification.
- **Graduate:** a person who has obtained a degree or diploma, who is offered an opportunity to undergo in-service training to gain work experience that can assist them with finding permanent employment.

SS 16. ACCREDITED TRAINING

The Service Manager can at his discretion instruct the Contractor via a Task Order to arrange **accredited** theoretical and practical training from the Equipment OEM, or other suitably qualified service providers, for some or all of the operating and maintenance staff working with these assets at each facility. Approval to proceed will be based on acceptance of the proven cost quotation plus agreed Direct Fee percentage as per GM 2.8.1 & Clause 11.2(8) that the Contractor must provide. Each participant that successfully completes the course must be provided with a certificate as proof thereof. It shall be required from the Contractor to provide proof of attendance of such training activities.

A Provisional Sum has been provided in the Price List to cover these expenses.

C5.1: AUTOCLAVE AND STERILIZATION EQUIPMENT SERVICE CHECKLIST – MINOR SERVICE

Note:

All services must be conducted by the Service Provider, and must include all tasks specified by the OEM for the equipment. Service results must be entered in a kitchen logbook and signed by the relevant operator/maintainer and the check sheets be submitted to hospital management.

The tasks listed is for a generic service regime. Where this Task List included below does not include manufacturer's servicing specifications, the Original Equipment Manufacturer's servicing specifications must be added, as all services are to be carried out in accordance with the manufacture's specification.

Item No.	Action	Check	Comments
Starting the Service			
1	On models fitted with a vacuum system, perform leak rate test and record results and check operation of vacuum pump(s).		
2	Isolate services (Electrical, water, steam and air) as appropriate		
3	Note original settings of all controls then set the temperature to 121°C, set free-steam time (if fitted) to 5 mins, set process time to 15 mins. If load sensed process timing is fitted it should be switched on.		
General Checks			
4	Remove main access panels and check vessel, all joint fittings and interconnecting pipework for signs of leakage or damage.		
5	Change air intake and exhaust filters as necessary.		
6	Check all micro-switches and actuators for cleanliness and freeness of operation. Check mounting tightness and position.		
7	Check locking solenoids and door catches/locking pins for cleanliness and freeness of operation. Check tightness of mounting screws and condition of return springs and spring anchors. Check split pins for wear and replace as required.		
8	Check tightness and condition of wiring connections at all fuses/circuit breakers and terminal blocks. Check tightness of all push on connectors at		

	locking Solenoids, heaters, thermostats etc. Pay special attention to the screw connectors carrying heater current, particularly at the first 6-month service.		
9	Check relays, triacs, relay bases etc. for signs of ageing.		
10	If fitted, check thermo-regulator contacts for arcing and sticking.		
Vessel Interior			
11	Drain water from chamber (Autoclaves with in-chamber heaters).		
12	Visually check general condition of vessel interior and interior fittings for excessive damage.		
13	If autoclave is front loading check condition of silicone weir seal (where fitted) for leaks or damage. Remove and replace as necessary.		
14	Check interior for signs of spillage etc. Clean or replace components as required.		
15	Clean out all strainers		
* Autoclaves with in chamber heaters			
16	*Visually inspect heating elements for corrosion, exterior damage or excessive build-up of scale. Repeat this procedure for the temperature control probe, load simulator probe, and water level probe.		
17	*Visually check position of heating elements particularly in relation to the low water probe.		
18	*Thoroughly clean low water probe paying particular attention to the insulated part between the sensor tag / tip and the vessel fitting.		
19	*Test operation of low water cut-out.		
20	Check all fixed and wandering temperature sensors for build-up of scale or exterior damage.		
21	For steam heated or dual heated units remove and clean steam trap strainers.		
Door and Closure			
22	Visually inspect lid / door gasket for damage or excessive wear. Check for correct location of gasket in recess.		
23	Check door position and location.		

24	Check hinge for excessive play in all directions. Check for Freeness of operation and lubricate as required.		
25	Lubricate gasket and clean sealing face of door.		
Autoclaves with Bolted Door Closures			
26	Thoroughly clean threads of standard closure bolts, and all female threads. Inspect for damaged or excessive wear.		
27	Remove safety bolt unit and thoroughly clean threads and safety mechanism.		
28	Inspect for damage or excessive wear. Screw bolt 4 turns into female thread and check for excessive vertical and axial play.		
29	Lubricate safety bolt and re-fit. Close safety bolt and check for freeness and smoothness of operation.		
30	<u>Check setting of lid micro-switch.</u>		
31	With safety bolt clamped, screw each standard bolt 4 turns into female thread and check for excessive vertical and axial play.		
32	<u>Lubricate bolts and ensure smooth free movement.</u>		
Autoclaves with Quickseal Closures (All types)			
33	Clean clamping faces and check for damages or excessive wear.		
34	Check tightness of all bolts.		
35	Check grease and remove replace as necessary.		
36	Check for a smooth free closure action.		
37	Check function and operation of safety catch.		
38	Check door and door cover mountings.		
39	Check operation of microswitch actuators.		
Operation Test			
40	If the autoclave is fitted with an internal steam generator, please first carry out the service procedures for Steam Generators listed at the end of this document.		
41	Ensure that all personnel remain clear of the unit for the duration of testing then switch on the electricity, water, air and steam supplies as appropriate.		

42	For steam generator models allow time for the steam generator to get up to working pressure before starting the test.		
43	Press door button and check for correct delay before door is released.		
44	(Pre-Tactrol bolt closures 5 seconds). (All Quickseals and Tactrol models 20 seconds)		
45	Check locking solenoid function and action under power. Check locking devices when solenoids release.		
46	Start cycle and check function of start and heat indicators.		
47	Check current being drawn by all heaters Check current being drawn by all heaters using a clamp meter. (Autoclaves with in-chamber heaters)		
48	On vacuum models, check operation of vacuum pump(s). Check ultimate vacuum level and evacuation rate against commissioning data if available.		
49	Note temperature at which free steaming commences and adjust as required.		
50	Check function of free-steaming timing and check elapsed time against set time.		
51	Check closing action of air purge valve (if fitted) and note closing temperature.		
52	If fitted check function of air purge vent valve		
53	Observe heat up to 121°C and check for control stability and overshoot.		
54	Check function of process indicator and countdown function of timer.		
55	Where fitted, check thermoregulator contacts for arcing and sticking.		
56	Check for correct correlation between temperature and pressure.		
57	If running from an in house steam supply, check both flowing and holding pressure of steam supply on post regulator in line gauge. (Confer with on-site engineers before adjusting).		
58	If ordered as part of the service visit, carry out calibration in accordance with the appropriate procedure.		
59	While the autoclave is at pressure, check vessel and all pipework and fittings for leakage.		
60	While the autoclave is at pressure, check lid gasket for leakage.		
61	At the end of the sterilising time check elapsed sterilising time against time set.		

62	Check that the autoclave goes into cooling and if the cool indicator(s) are working. Check cooling fan function and look for restrictions at air intakes.		
63	On vacuum models with the drying option, check condition and operation of heater mats (if fitted) by re running the cycle or switching on the heater mats via Tactrol Tools for a test period.		
64	Lift easing lever of safety valve and check for a free flow of steam.		
65	Ensure safety valve re-seats correctly.		
66	Repeat these safety valve tests for the Jacket and Steam Generator where fitted		
67	Ensure that the door button is disabled at elevated temperatures.		
68	Check manual operation of vent valve.		
69	Check operation of thermal lock override.		
70	Check setting and function of pressure switch.		
71	Re-set service cycle count.		
	Note: If any components are replaced during or after testing the autoclave should be re tested.		
Finishing up			
72	Re-fit exterior panels.		
73	Return controls to original settings.		
74	Ensure external cleanliness of autoclave.		
Autoclaves with Steam Generators – additional operations			
75	Allow sufficient time for the pressure in the steam generator to fall to 0. Use the blowdown valve if necessary.		
76	Remove the retaining bolts on the front of the steam generator end plate.		
77	Clean the inside of the steam generator including the heating elements and water level sensors. Ensure that the interior of the generator is free of scale. The presence of large amounts of scale may indicate that the weekly blowdown procedure is not being followed.		
78	Re-fit the end plate tightening the retaining nuts until there is a 6mm gap between the end plate		

	and flange. (Tighten opposing nuts together.) Re-fit the lock nuts.		
79	Check relay contacts in float-less level switch, replace as necessary.		
80	Ensure that the thermal fuses are securely attached to the vessel wall.		
81	Clean all strainers.		

Service Completed	<u>Engineer:</u>	Date:
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C5.2: AUTOCLAVE AND STERILIZATION EQUIPMENT SERVICE CHECKLIST – MAJOR SERVICE

Note:

All services must be conducted by the Service Provider, and must include all tasks specified by the OEM for the equipment. Service results must be entered in a kitchen logbook and signed by the relevant operator/maintainer and the check sheets be submitted to hospital management.

The tasks listed is for a generic service regime. Where this Task List included below does not include manufacturer's servicing specifications, the Original Equipment Manufacturer's servicing specifications must be added, as all services are to be carried out in accordance with the manufacture's specification

Item No.	Action	Check	Comments
Starting the Service			
1	Download and save file. Record interval and total cycle count.		
2	On models fitted with a vacuum system, perform leak rate test and record results and check operation of vacuum pump(s).		
3.	Note original settings of all controls then set the temperature to 121°C, set free-steam time (if fitted) to 5 mins, set process time to 15 mins. If load sensed process timing is fitted it should be switched on.		
4.	Isolate services (Electrical, water, steam and air) as appropriate.		
General Checks			
5.	Remove main access panels and check vessel, all joint fittings and interconnecting pipework for signs of leakage or damage.		
6.	Change air intake and exhaust filters as necessary. Replace air filter at 12 month intervals Replace exhaust filter at 24 months or 1000 cycles.		
7.	Check all micro-switches and actuators for cleanliness and freeness of operation. Check mounting tightness and position. Replace door wiring loom on QCS/Q63 every 1000 cycles.		
8.	Check locking solenoids and door catches/locking pins for cleanliness and freeness of operation. Check tightness of mounting screws and condition of return springs and spring anchors. Check split pins for wear and replace every 1000 cycles on LAC models.		
9.	Check tightness and condition of wiring connections at all fuses/circuit breakers and terminal blocks. Check tightness of all push		

	on connectors at locking Solenoids, heaters, thermostats etc. Pay special attention to the screw connectors carrying heater current, particularly at the first 6-month service.		
10	Check relays, triacs, relay bases etc. for signs of ageing.		
11	If fitted, check thermo-regulator contacts for arcing and sticking, check contactors for ageing and arcing. Replace compact heater relay every 1000 cycles. Replace 9/23 amp heater contactor every 1000 cycles. Replace 50/100 amp contactor every 2000 cycles.		
Vessel Interior			
12	Drain water from chamber (Autoclaves with in-chamber heaters).		
13	Visually check general condition of vessel interior and interior fittings for excessive damage.		
14	If autoclave is front loading check condition of silicone weir seal (where fitted) for leaks or damage. Remove and replace as necessary. Check weld on RSC weir.		
15	Check interior for signs of spillage etc. Clean or replace components as required.		
16	Clean out all strainers (internal and external).		
*Autoclaves with in chamber heaters:			
17	*Visually inspect heating elements for corrosion, exterior damage or excessive build-up of scale. Repeat this procedure for the temperature control probe, load simulator probe, and water level probe(s).		
18	*Visually check position of heating elements particularly in relation to the low water probe.		
19	*Thoroughly clean low water probe(s) paying particular attention to the insulated part between the sensor tag / tip and the vessel fitting and water fill tank.		
20	*Re-fill with water and Test operation of low water and if fitted, high water cut-outs, check operation of Torbeck valve.		
21	Check all fixed and wandering temperature sensors for build-up of scale or exterior damage.		
22	For steam heated or dual heated units remove and clean steam trap strainers.		
Door and closure			
23	Visually inspect lid / door gasket for damage or excessive wear. Check for correct location of gasket in recess.		
24	Check door position and location.		

25	Check hinge for excessive play in all directions. Check for Freeness of operation and lubricate as required.		
26	Lubricate gasket and clean sealing face of door.		
Autoclaves with Bolted Door Closures			
27	Thoroughly clean threads of standard closure bolts, and all female threads. Inspect for damaged or excessive wear.		
28	Remove safety bolt unit and thoroughly clean threads and safety mechanism.		
29	Inspect for damage or excessive wear. Screw bolt 4 turns into female thread and check for excessive vertical and axial play.		
30	Lubricate safety bolt and re-fit. Close safety bolt and check for freeness and smoothness of operation.		
31	Check setting of lid micro-switch.		
32	With safety bolt clamped, screw each standard bolt 4 turns into female thread and check for excessive vertical and axial play.		
33	Lubricate bolts and ensure smooth free movement.		
Autoclaves with Quickseal Closures (All types)			
34	Clean clamping faces and check for damages or excessive wear.		
35	Check tightness of all bolts on door actuator mechanism.		
36	Check grease and remove replace as necessary.		
37	Check for a smooth free closure action.		
38	Check function and operation of safety catch.		
39	Check door and door cover mountings.		
40	Check operation of microswitch actuators. On QCS models Replace door switches every 1500 cycles.		
Operation Test			
41	If the autoclave is fitted with an internal steam generator, please first carry out the service procedures for Steam Generators listed at the end of this document.		
42	Ensure that all personnel remain clear of the unit for the duration of testing then switch on		

	the electricity, water, air and steam supplies as appropriate.		
43	For steam generator models allow time for the steam generator to get up to working pressure before starting the test.		
44	Press door button and check for correct delay before door is released.		
45	(Pre-Tactrol bolt closures 5 seconds). (All Quickseals and Tactrol models 20 seconds)		
46	Check locking solenoid function and action under power. Check locking devices when solenoids release.		
47	On vacuum models, check operation of vacuum pump(s). Check ultimate vacuum level and evacuation rate against commissioning data if available..		
48	Start cycle and check function of start and heat indicators		
49	Check current being drawn by all heaters using a clamp meter. (Autoclaves with in-chamber heaters and steam generators).		
50	Note temperature at which purge open/close Commences followed by free-steaming and adjust as required.		
51	Check function of free-steaming timing and check elapsed time against set time, check free flow of steam discharge.		
52	If fitted check function of air purge vent valve Check closing action of air purge valve and note closing temperature. Replace air purge valve every two years.		
53	Observe heat up to 121°C and check for control stability and overshoot.		
54	Check function of process indicator and countdown function of timer.		
55	Where fitted, check thermoregulatory, contactor heater relay contacts for arcing and sticking.		
56	Check for temperature stability and contactor chatter.		
57	Check for correct correlation between temperature and pressure.		
58	If running from an in house steam supply, check both flowing and holding pressure of steam supply on post regulator in line gauge. (Confer with on-site engineers before adjusting).		
59	If ordered as part of the service visit, carry out calibration in accordance with the appropriate procedure.		
60	While the autoclave is at pressure, check vessel and all pipework and fittings for leakage. Replace any worn fibre washers.		

61	While the autoclave is at pressure, check lid gasket for leakage.		
62	At the end of the sterilising time check elapsed sterilising time against time set.		
63	Check that the autoclave goes into cooling and if the cool indicator(s) are working. Check cooling fan function and look for restrictions at air intakes.		
64	On vacuum models with the drying option, check condition and operation of heater mats (if fitted) by re-running the cycle or switching on the heater mats via Tactrol Tools for a test period. Check operation of drain valve.		
65	Lift easing lever of safety valve and check for a free flow of steam.		
66	Ensure safety valve re-seats correctly.		
67	Repeat these safety valve tests for the Jacket and Steam Generator where fitted.		
68	Ensure that the door button is disabled at elevated pressure and temperatures.		
69	Check manual operation of vent valve.		
70	Check operation of thermal lock override. Check thermal and setting lock key switches for tightness.		
71	Check setting and function of pressure switch.		
72	Re-set service cycle count.		
	Note: If any components are replaced during or after testing the autoclave should be re-tested.		
Finishing up			
73	Re-fit exterior panels and replace any missing panel screw.		
74	Return controls to original settings.		
75	Ensure external cleanliness of autoclave. Fix and mark service sticker with name and date.		
Autoclaves with Steam Generators – additional operations			
76	Allow sufficient time for the pressure in the steam generator to fall to 0 and is at a safe working temperature. Use the blowdown valve if necessary.		
77	Remove the retaining bolts on the front of the steam generator end plate.		

78	Clean the inside of the steam generator including the heating elements and water level sensors. Ensure that the interior of the generator is free of scale. The presence of large amounts of scale may indicate that the weekly blowdown procedure is not being followed.		
79	Re-fit the end plate using a new gasket tightening bolts to the correct torque setting. (Tighten opposing bolts together.) if applicable Re-fit the lock nuts.		
80	Check relay contacts in float-less level switch, replace as necessary. Newer autoclaves have a separate control circuit for the steam generator.		
81	Check the thermal fuses for signs of wear and are securely attached to the vessel wall, check for damaged heat insulation on the generator and associated pipework.		
82	Check operation of water pump clean all strainers.		

Service Completed	<u>Engineer:</u>	Date:
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